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3358**

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**Experimental Cavity  
Pressure Measurements  
at Subsonic and  
Transonic Speeds**

*Static-Pressure Results*

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Robert L. Stallings, Jr.,  
and M. B. Tracy

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CAVITY PRESSURE MEASUREMENTS AT  
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STATIC-PRESSURE RESULTS, SUPPLEMENT  
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*Static-Pressure Results*

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National Aeronautics and  
Space Administration  
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Information Program



## Introduction

For the safe carriage and separation of stores, it is important to know the flow field environment the store experiences during flight. In order to further the understanding of flow fields in rectangular box cavities at subsonic and transonic speeds, an experimental investigation was conducted to determine cavity flow characteristics. Static- and fluctuating-pressure levels within a cavity over the range of length-to-depth ratios where open, transitional, and closed flow were expected to occur were measured. A rectangular box cavity in a flat plate was tested in the Langley 8-Foot Transonic Pressure Tunnel at Mach numbers from 0.20 to 0.95 at unit Reynolds numbers around  $3 \times 10^6$  per ft. Cavities were tested over length-to-depth ratios ranging from 1 to 17.5. Cavity width-to-depth ratio was varied from 1 to 16. The boundary layer approaching the cavity was turbulent. This supplement presents a complete tabulation of the static-pressure data obtained; dynamic pressures are not presented in the report.

## Symbols

CPXXX	pressure coefficient for orifice number XXX, $\frac{p-p_\infty}{q_\infty}$
$h$	cavity depth, in.
$l$	cavity length, in.
$M_\infty$	free-stream Mach number
$p$	measured static pressure, psf
$p_\infty$	free-stream static pressure, psf
$p_{t,\infty}$	free-stream total pressure, psf
$q_\infty$	free-stream dynamic pressure, psf
$R_\infty$	free-stream unit Reynolds number, per ft
$T_{t,\infty}$	free-stream total temperature, °F
$w$	cavity width, in.
$x$	distance in streamwise direction, in. (see fig. 2)
$x_b$	distance from cavity leading edge to leading edge of bracket, in.

$y$	distance in spanwise direction, in. (see fig. 2)
$z$	distance normal to the flat plate, in. (see fig. 2)

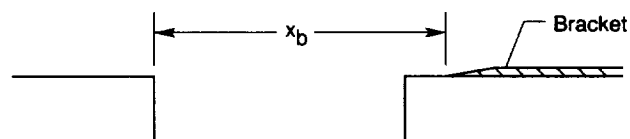
## Model Description

A rectangular, three-dimensional cavity was mounted in a flat plate. A photograph of the model mounted in the tunnel is shown in figure 1, and a sketch of the model is shown in figure 2. A boundary-layer transition strip was applied to the leading edge of the flat plate to ensure that the flow entering the cavity was fully turbulent for all test conditions.

Cavity length was remotely controlled with a sliding assembly that enabled the cavity to have a maximum length of 42 in. and a minimum length of 1.2 in. The width of the cavity could be varied by inserting new side walls, aft wall, and sliding plate. The floor of the cavity could be moved to vary the cavity depth. The cavity widths tested were 2.4 and 9.6 in. The cavity depths tested were 0.6, 1.2, and 2.4 in. Table 1 provides a summary of the configurations tested.

Brackets were positioned on the surface of the flat plate, downstream of the aft wall, to prevent the cantilevered portion of the sliding assembly from deflecting above the plate surface (see fig. 3). The brackets were used for most configurations and consisted of two metal supports downstream of the cavity, positioned to overlap the sliding assembly and the flat plate.

The location of the bracket leading edge relative to the cavity leading edge ( $x_b$ ) is shown in the following sketch:



The value of  $x_b$  is provided in the following table. These data, based on the run number, are given for correlation with the tabulated data in the supplement.

Run	$x_b$ , in.
6	No brackets
8	No brackets
9	No brackets
10	No brackets
13	No brackets
25	35.97
26	25.47
27	30.72
28	35.97
29	No brackets
30	9.72
31	20.22
32	25.47
33	30.72
34	35.97
35	No brackets
36	4.47
37	4.47
38	9.72
39	14.97
40	14.97
41	20.22

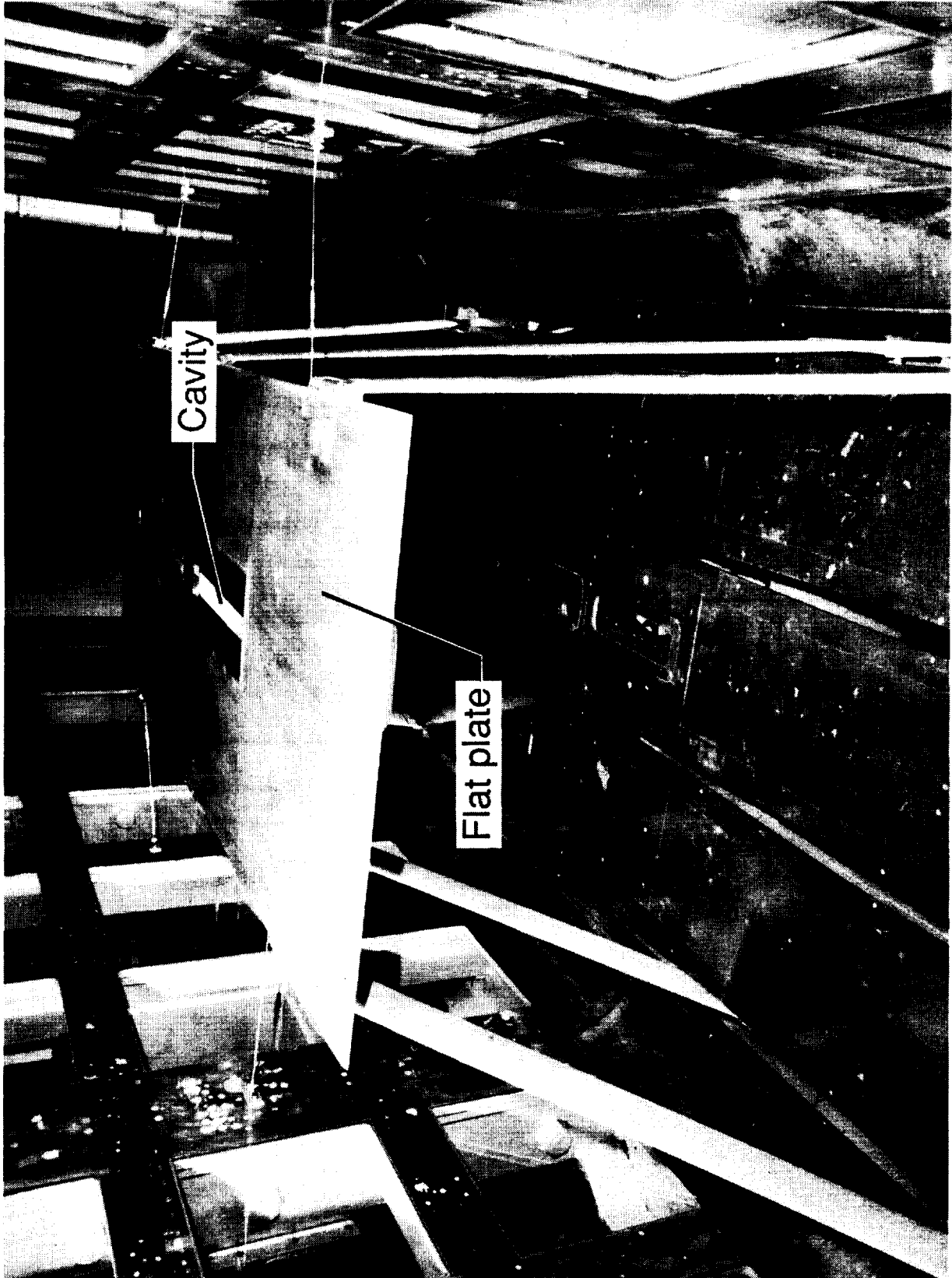
The model was instrumented with 148 static-pressure orifices. The static-pressure orifice locations are provided in figure 4. The main report assesses the effect of the brackets on the static-pressure measure-

ments within and near the cavity. It was shown that for the data available, the brackets had negligible effect on the static pressures within and near the cavity at the positions where pressures were measured.

## Presentation of Data

The static-pressure measurements, reduced to coefficient form, are presented as tables 2-22. (These tables are also available on an ASCII-formatted floppy disk at the back cover of this supplement.) The tables contain the exact tunnel test conditions as well as the measured pressures on the model. The pressure data are presented as CPXXX, where XXX refers to the orifice number. (The orifice number and its location are presented in figure 4.) The data for static-pressure orifices that were not available are removed from the tabulation. The following chart lists the presentation of the data tables:

$M_\infty$	Table number			
	$w = 9.6$ in. $h = 2.4$ in.	$w = 2.4$ in. $h = 2.4$ in.	$w = 9.6$ in. $h = 0.6$ in.	$w = 9.6$ in. $h = 1.2$ in.
0.20	2	8		17
.40	3	9		18
.60	4	10		19
.80	5	11	14	20
.90	6	12	15	21
.95	7	13	16	22



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Figure 1. Variable cavity model installed in 8' TPT (view looking downstream).

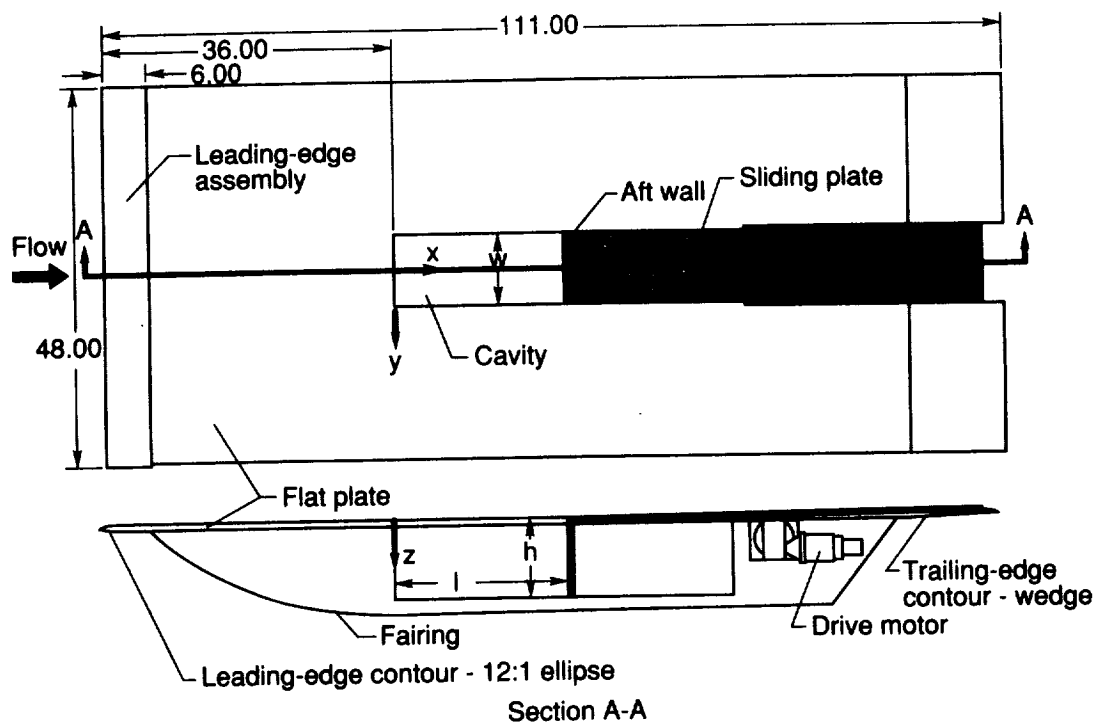
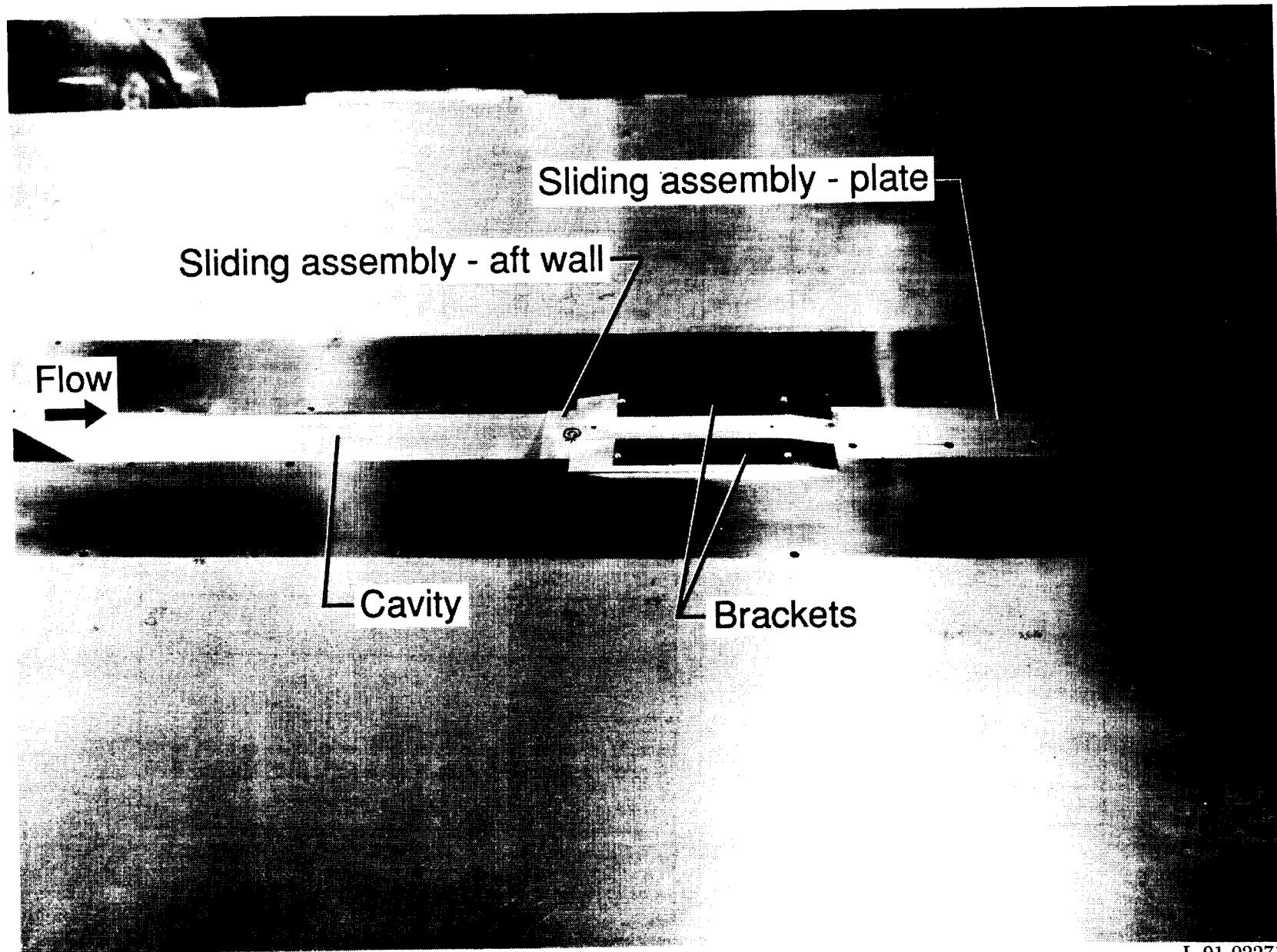


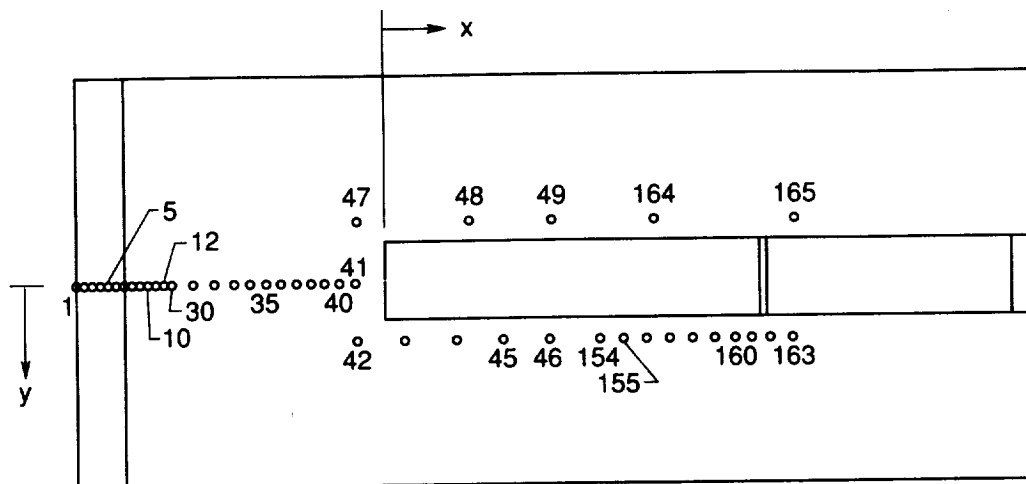
Figure 2. Sketch of variable cavity model. (All dimensions are in inches.)





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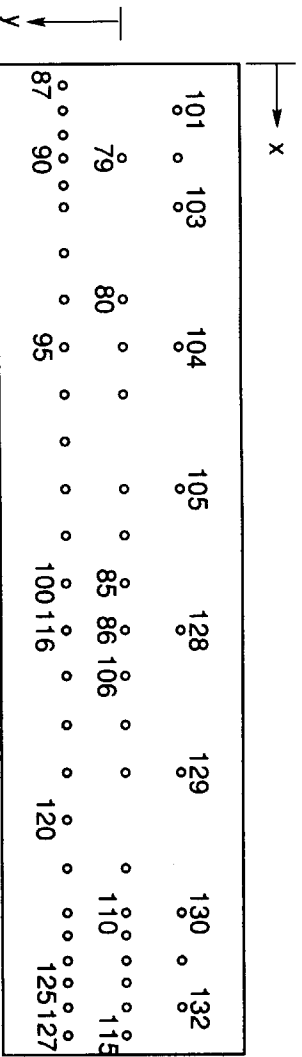
Figure 3. View of sliding assembly and brackets.



Orifice	$x$ , in.	$y$ , in.	$z$ , in.	Orifice	$x$ , in.	$y$ , in.	$z$ , in.
1	-36.0	0.00	0.500	40	-4.0	0.00	0.000
2	-35.0		.224	41	-2.0	.00	
3	-34.0		.127	42	-3.0	7.80	
4	-33.0		.067	43	3.0		
5	-32.0		.029	44	9.0		
6	-31.0		.007	45	15.0		
7	-30.0		.000	46	21.0		
8	-29.0			47	-3.0	-7.80	
9	-28.0			48	10.0		
10	-27.0			49	21.0		
11	-26.0			154	27.0	7.80	
12	-25.0			155	29.0		
30	-24.0			156	31.0		
31	-22.0			157	33.0		
32	-20.0			158	35.0		
33	-18.0			159	37.0		
34	-16.0			160	39.0		
35	-14.0			161	41.0		
36	-12.0			162	43.0		
37	-10.0			163	45.0		
38	-8.0			164	32.0	-7.80	
39	-6.0			165	45.0	-7.80	

(a) Flat plate.

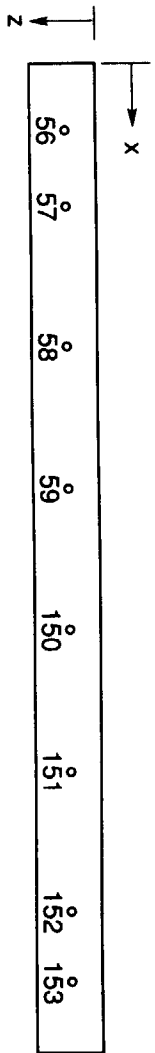
Figure 4. Pressure orifice locations.



Orifice	x, in.	y, in.	z, in.	Orifice	x, in.	y, in.	z, in.
79	4.0	0.00	Variable	106	26.0	0.00	Variable
80	10.0			107	28.0		
81	12.0			108	30.0		
82	14.0			109	34.0		
83	18.0			110	36.0		
84	20.0			111	37.0		
85	22.0			112	38.0		
86	24.0			113	39.0		
87	1.0	2.40		114	40.0		
88	2.0			115	41.0		
89	3.0			116	24.0	2.40	
90	4.0			117	26.0		
91	5.0			118	28.0		
92	6.0			119	30.0		
93	8.0			120	32.0		
94	10.0			121	34.0		
95	12.0			122	36.0		
96	14.0			123	37.0		
97	16.0			124	38.0		
98	18.0			125	39.0		
99	20.0			126	40.0		
100	22.0			127	41.0		
101	2.0	-2.40		128	24.0	-2.40	
102	4.0			129	30.0		
103	6.0			130	36.0		
104	12.0			131	38.0		
105	18.0			132	40.0		

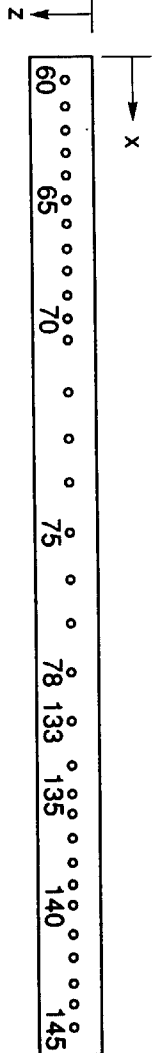
(b) Cavity floor.

Figure 4. Continued.



Orifice	<i>x</i> , in.	<i>y</i> , in.	<i>z</i> , in.	Orifice	<i>x</i> , in.	<i>y</i> , in.	<i>z</i> , in.
56	3.0	-4.80	1.200	150	24.0	-4.80	1.200
57	6.0			151	30.0		
58	12.0			152	36.0		
59	18.0			153	39.0		

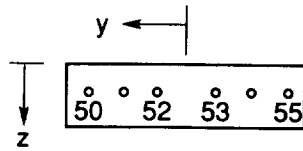
(c) Right sidewall.



Orifice	<i>x</i> , in.	<i>y</i> , in.	<i>z</i> , in.	Orifice	<i>x</i> , in.	<i>y</i> , in.	<i>z</i> , in.
60	1.0	4.80	1.200	76	22.0	4.80	1.200
61	2.0			77	24.0		
62	3.0			78	26.0		
63	4.0			133	28.0		
64	5.0			134	30.0		
65	6.0			135	31.0		
66	7.0			136	32.0		
67	8.0			137	33.0		
68	9.0			138	34.0		
69	10.0			139	35.0		
70	11.0			140	36.0		
71	12.0			141	37.0		
72	14.0			142	38.0		
73	16.0			143	39.0		
74	18.0			144	40.0		
75	20.0			145	41.0		

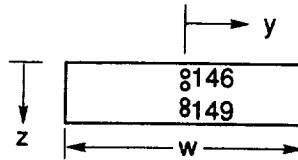
(d) Left sidewall.

Figure 4. Continued.



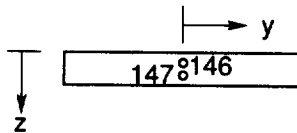
Orifice	$x$ , in.	$y$ , in.	$z$ , in.	Orifice	$x$ , in.	$y$ , in.	$z$ , in.
50	0.0	4.13	1.200	53	0.0	-1.38	1.200
51	↓	2.75	↓	54	↓	-2.75	↓
52	↓	1.38	↓	55	↓	-4.13	↓

(e) Forward wall.



Orifice	$x$ , in.	$y$ , in.	$z$ , in.
146	variable	0.00	0.400
147	↓	↓	.800
148	↓	↓	1.590
149	↓	↓	1.990

(f) Aft wall ( $h = 2.4$  in.).



Orifice	$x$ , in.	$y$ , in.	$z$ , in.
146	variable	0.00	0.300
147	variable	0.00	.890

(g) Aft wall ( $h = 1.2$  in.).

Figure 4. Concluded.

Table 1. Configuration Test Matrix

$M_\infty$	Cavity $l/h$																		
	1	1.7	2	3	3.8	4	6	7	7.5	8	8.8	9	9.4	9.6	10	10.4	11	11.2	11.7
$w = 2.4, h = 2.4 (w/h = 1)$																			
0.20			x			x	x	x		x		x			x		x		
.40		x	x			x	x	x		x		x			x		x		
.60			x			x	x	x		x		x			x		x		
.80			x			x	x	x		x		x			x		x		
.90		x	x		x	x	x	x		x	x	x		x	x		x		
.95		x	x			x	x	x		x	x	x		x	x		x		
$w = 9.6, h = 2.4 (w/h = 4)$																			
0.20			x			x	x	x		x		x			x		x		
.40			x			x	x	x		x		x			x	x	x		
.60			x			x	x	x		x		x	x		x	x	x		
.80			x			x	x	x		x		x	x	x	x	x	x		
.90			x			x	x	x		x		x	x	x	x	x	x		
.95			x			x	x	x		x	x	x	x	x	x	x	x		
$w = 9.6, h = 1.2 (w/h = 8)$																			
0.20	x		x			x	x	x		x		x			x		x		
.40	x		x			x	x	x		x		x			x		x		
.60	x		x			x	x	x		x		x			x		x		
.80	x		x			x	x	x		x		x			x		x		
.90	x		x	x		x	x	x	x	x		x			x		x		
.95	x		x	x		x	x	x	x	x		x			x		x		
$w = 9.6, h = 0.6 (w/h = 16)$																			
0.80			x			x	x	x											
.90			x			x	x	x											
.95			x			x	x	x											

Table 2. Pressure Coefficients at  $M_\infty = 0.20$  for Cavity of  $w = 9.6$  in. and  $h = 2.4$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ , psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
6	93	0.20	2.21	25.01	25.71	0.69	98.2	2.00	0.8164	-0.2571	-0.2226	-0.1695	-0.1899	-0.1387	0.0177	-0.0801	-0.0576	-0.0506
6	90	0.20	2.20	25.00	25.69	0.69	97.8	3.99	0.8353	-0.2411	-0.2061	-0.1525	-0.1749	-0.1217	0.0333	-0.0652	-0.0427	-0.0359
9	159	0.20	2.25	25.00	25.71	0.71	95.8	6.00	0.8162	-0.2350	-0.2023	-0.1553	-0.1641	-0.1215	-0.0086	-0.0626	-0.0463	-0.0326
9	162	0.20	2.24	25.00	25.71	0.70	96.1	7.00	0.8029	-0.2492	-0.2165	-0.1694	-0.1763	-0.1352	-0.0194	-0.0778	-0.0613	-0.0494
9	165	0.20	2.23	25.01	25.71	0.70	96.2	8.00	0.8238	-0.2298	-0.1964	-0.1509	-0.1596	-0.1166	0.0024	-0.0590	-0.0404	-0.0308
26	518	0.20	2.24	25.02	25.73	0.70	95.1	9.00	0.8171	-0.2363	-0.2088	-0.1533	-0.1779	-0.1225	0.0380	-0.0685	-0.0432	-0.0375
26	521	0.20	2.23	24.99	25.70	0.69	95.7	10.00	0.8241	-0.2229	-0.1971	-0.1389	-0.1655	-0.1080	0.0602	-0.0517	-0.0264	-0.0230
27	580	0.20	2.31	24.98	25.70	0.71	85.9	11.00	0.8468	-0.2368	-0.2005	-0.1523	-0.1609	-0.1181	0.0446	-0.0575	-0.0403	-0.0284
27	583	0.20	2.30	24.99	25.70	0.71	86.9	12.00	0.8288	-0.2671	-0.2313	-0.1831	-0.1924	-0.1506	0.0149	-0.0871	-0.0697	-0.0594
28	652	0.20	2.21	25.00	25.71	0.70	102.4	13.00	0.8539	-0.2533	-0.2189	-0.1727	-0.1751	-0.1348	0.0340	-0.0725	-0.0551	-0.0436
25	464	0.20	2.18	25.00	25.70	0.69	104.8	13.40	0.8524	-0.2537	-0.2203	-0.1711	-0.1791	-0.1336	0.0235	-0.0752	-0.0561	-0.0459
28	655	0.20	2.20	25.00	25.71	0.70	102.7	14.00	0.8515	-0.2586	-0.2263	-0.1799	-0.1847	-0.1418	0.0190	-0.0791	-0.0616	-0.0500
28	658	0.20	2.20	25.00	25.70	0.70	102.9	14.96	0.8583	-0.2510	-0.2162	-0.1696	-0.1764	-0.1315	-0.0005	-0.0708	-0.0533	-0.0397
13	217	0.20	2.21	25.00	25.70	0.69	99.4	17.50	0.8136	-0.2107	-0.1817	-0.1204	-0.1582	-0.0894	0.0696	-0.0363	-0.0077	-0.0073
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
6	93	-0.0647	-0.0714	1.0031	0.0510	0.0360	-0.0120	0.2270	0.0108	0.0207	0.0886	0.0623	0.0718	0.0298	0.0158	0.0389	0.0642	-0.0422
6	90	-0.0471	-0.0547	1.0203	0.0691	0.0530	0.0034	0.2467	0.0260	0.0364	0.1023	0.0801	0.0895	0.0408	0.0331	0.0569	0.0826	-0.0246
9	159	-0.0395	-0.0437	0.9849	0.0612	0.0418	0.0086	0.1733	0.0223	-0.0073	0.0934	0.0768	0.0777	0.0456	0.0290	0.0439	0.0548	-0.0188
9	162	-0.0528	-0.0585	0.9730	0.0487	0.0298	-0.0042	0.1563	0.0077	-0.0182	0.0790	0.0625	0.0634	0.0355	0.0167	0.0313	0.0376	-0.0319
9	165	-0.0355	-0.0400	0.9971	0.0688	0.0509	0.0154	0.1780	0.0271	0.0016	0.1016	0.0825	0.0833	0.0528	0.0360	0.0513	0.0603	-0.0124
26	518	-0.0546	-0.0654	0.9860	0.0609	0.0521	-0.0015	0.2781	0.0208	0.0454	0.0982	0.0735	0.0845	0.0351	0.0260	0.0508	0.0868	-0.0326
26	521	-0.0372	-0.0490	1.0114	0.0767	0.0671	0.0138	0.2901	0.0381	0.0678	0.1164	0.0892	0.1001	0.0482	0.0432	0.0688	0.1030	-0.0173
27	580	-0.0385	-0.0379	1.0232	0.0764	0.0540	0.0221	0.1704	0.0299	0.0480	0.1102	0.0890	0.0871	0.0566	0.0396	0.0564	0.0685	-0.0132
27	583	-0.0689	-0.0688	0.9937	0.0447	0.0217	-0.0097	0.1332	-0.0012	0.0181	0.0809	0.0599	0.0562	0.0299	0.0087	0.0266	0.0339	-0.0434
28	652	-0.0513	-0.0503	1.0223	0.0661	0.0379	0.0115	0.1791	0.0189	0.0359	0.0945	0.0796	0.0758	0.0472	0.0258	0.0439	0.0516	-0.0235
25	464	-0.0509	-0.0556	1.0215	0.0629	0.0420	0.0036	0.1961	0.0167	0.0267	0.0954	0.0773	0.0773	0.0433	0.0212	0.0441	0.0572	-0.0250
28	655	-0.0559	-0.0588	1.0165	0.0578	0.0319	0.0052	0.1862	0.0084	0.0187	0.0906	0.0714	0.0699	0.0390	0.0197	0.0377	0.0452	-0.0323
28	658	-0.0494	-0.0506	1.0324	0.0689	0.0424	0.0138	0.2051	0.0191	0.0012	0.0996	0.0824	0.0808	0.0477	0.0282	0.0488	0.0565	-0.0214
13	217	-0.0278	-0.0449	1.0317	0.1001	0.0928	0.0262	0.3834	0.0620	0.0749	0.1396	0.1072	0.1295	0.0606	0.0625	0.0912	0.1468	-0.0016

Table 2. Continued

Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
6	93	0.0325	-0.0574	-0.0642	-0.0303	-0.0023	-0.0162	-0.0413	-0.0263	-0.0182	-0.0379	-0.0195	-0.0530	-0.0059	0.0199	0.0047	-0.0457	-0.0098
6	90	0.0461	-0.0394	-0.0468	-0.0119	0.0162	0.0033	-0.0233	-0.0058	0.0015	-0.0176	-0.0103	-0.0288	0.0175	0.0420	0.0269	-0.0153	0.0019
9	159	0.0214	-0.0331	-0.0336	-0.0122	0.0083	0.0027	-0.0137	-0.0042	0.0032	-0.0078	-0.0678	-0.0177	0.0153	0.0303	0.0147	-0.0075	0.0148
9	162	0.0064	-0.0466	-0.0469	-0.0260	-0.0053	-0.0123	-0.0284	-0.0202	-0.0119	-0.0235	-0.0240	-0.0323	-0.0012	0.0145	0.0005	-0.0218	0.0025
9	165	0.0263	-0.0266	-0.0278	-0.0058	0.0129	0.0070	-0.0095	0.0000	0.0086	-0.0035	-0.0484	-0.0157	0.0147	0.0277	0.0172	-0.0043	0.0246
26	518	0.0533	-0.0386	-0.0544	-0.0204	0.0128	-0.0029	-0.0359	-0.0163	-0.0084	-0.0333	-0.0299	-0.0534	-0.0045	0.0159	0.0131	-0.0387	0.0180
26	521	0.0691	-0.0230	-0.0404	-0.0043	0.0290	0.0114	-0.0202	-0.0012	0.0060	-0.0197	-0.0178	-0.0422	0.0018	0.0161	0.0237	-0.0285	0.0413
27	580	0.0366	-0.0301	-0.0421	-0.0190	-0.0003	-0.0047	-0.0252	-0.0135	-0.0080	-0.0266	-0.0274	-0.0427	-0.0205	-0.0219	-0.0030	-0.0351	0.0267
27	583	0.0023	-0.0611	-0.0734	-0.0496	-0.0317	-0.0355	-0.0554	-0.0433	-0.0391	-0.0559	-0.0594	-0.0737	-0.0546	-0.0593	-0.0366	-0.0689	-0.0051
28	652	0.0149	-0.0434	-0.0544	-0.0336	-0.0157	-0.0176	-0.0346	-0.0236	-0.0228	-0.0344	-0.0590	-0.0570	-0.0418	-0.0500	-0.0256	-0.0514	0.0075
25	464	0.0187	-0.0414	-0.0497	-0.0272	-0.0037	-0.0164	-0.0293	-0.0209	-0.0193	-0.0324	-0.0373	-0.0545	-0.0362	-0.0400	-0.0183	-0.0497	0.0126
28	655	0.0107	-0.0502	-0.0606	-0.0411	-0.0221	-0.0257	-0.0441	-0.0327	-0.0299	-0.0429	-0.0813	-0.0675	-0.0513	-0.0587	-0.0339	-0.0619	0.0004
28	658	0.0217	-0.0414	-0.0516	-0.0316	-0.0115	-0.0146	-0.0337	-0.0237	-0.0219	-0.0357	-0.0895	-0.0604	-0.0420	-0.0502	-0.0257	-0.0538	0.0077
13	217	0.1111	-0.0039	-0.0346	0.0063	0.0545	0.0227	-0.0158	0.0011	0.0118	-0.0195	-0.0562	-0.0601	-0.0049	0.0032	0.0252	-0.0428	0.0451
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP56	CP60	CP61			
6	93	-0.1142	-0.0403	-0.0613	-0.0180	0.0191	0.0177	-0.0057	-0.0325	-0.0623	0.0164	-0.0142	-0.1210	0.0063	-0.0623			
6	90	-0.1008	-0.0246	-0.0400	-0.0085	0.0352	0.0431	0.0194	0.0341	0.0020	0.0261	0.0188	-0.0423	0.0302	-0.0181			
9	159	-0.0709	-0.0184	-0.0253	0.0134	0.0202	0.0207	0.0139	0.0272	0.0002	0.0246	0.0039		0.0183	-0.0021			
9	162	-0.0683	-0.0402	-0.0412	0.0011	-0.0025	0.0023	-0.0002	0.0109	-0.0099	0.0070	-0.0272		0.0013	-0.0182			
9	165	-0.0186	-0.0373	-0.0234	0.0274	0.0018	-0.0007	0.0061	0.0194	-0.0058	0.0114	-0.0210		0.0004	-0.0203			
26	518	-0.0644	-0.0518	-0.0652	0.0146	0.0199	-0.0392	-0.0360	-0.0033	-0.0467	-0.0132	-0.0731		-0.0352	-0.0709			
26	521	-0.0272	0.0275	-0.0539	0.0400	0.0949	-0.0549	-0.0496	-0.0263	-0.0623	-0.0355	-0.0934		-0.0507	-0.0856			
27	580	0.0071	0.0629	-0.0513	0.0324	0.1060	-0.0952	-0.0881	-0.0720	-0.1004	-0.0806	-0.1168		-0.0805	-0.1011			
27	583	-0.0225	0.0419	-0.0808	-0.0004	0.0820	-0.1397	-0.1373	-0.1206	-0.1443	-0.1290	-0.1619		-0.1280	-0.1488			
28	652	-0.0006	0.0595	-0.0606	0.0163	0.0948	-0.1338	-0.1307	-0.1209	-0.1351	-0.1202	-0.1541		-0.1157	-0.1358			
25	464	-0.0072	0.0590	-0.0632	0.0219	0.0988	-0.1317	-0.1282	-0.1114	-0.1405	-0.1223	-0.1573		-0.1231	-0.1471			
28	655	-0.0150	0.0443	-0.0692	0.0070	0.0828	-0.1468	-0.1456	-0.1297	-0.1540	-0.1354	-0.1693		-0.1273	-0.1485			
28	658	-0.0119	0.0486	-0.0631	0.0144	0.0872	-0.1440	-0.1388	-0.1217	-0.1503	-0.1326	-0.1667		-0.1277	-0.1499			
13	217	-0.0774	0.0451	-0.0744	0.0417	0.1327	-0.1200	-0.1133	-0.0814	-0.1330	-0.0882	-0.1706		-0.1187	-0.1607			



Table 2. Continued

Run	Point	CP62	CP63	CP64	CP65	CP66	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
6	93	-0.1393	-0.0718															
6	90	-0.0497	0.0217	-0.0356	-0.1035	-0.0579	-0.0399	-0.0013										
9	159	-0.0236	-0.0024	-0.0228	-0.0332	-0.0852	0.0135	-0.0300	0.0022	-0.0112	-0.0153	0.1560						
9	162	-0.0404	-0.0083	-0.0318	-0.0487	-0.0919	-0.0274	-0.0660	-0.0106	0.0061	0.0511	0.0034	0.0256					
9	165	-0.0406	-0.0053	-0.0319	-0.0451	-0.0738	-0.0235	-0.0488	0.0284	0.0165	0.0717	0.1158	0.0642	0.1265				
26	518	-0.1139	-0.0365	-0.0665	-0.1070	-0.0700	-0.0511	-0.0978	0.0126	0.0188	0.0550	0.0862	0.1503	0.2056	0.3117			
26	521	-0.1283	-0.0518	-0.1010	-0.1085	-0.0425	-0.0453	-0.1117	-0.0133	-0.0221	0.0756	0.1556	0.2169	0.2211	0.3881	0.3529		
27	580	-0.1266	-0.0885	-0.1179	-0.1135	-0.0225	-0.0796	-0.0811	0.0347	0.0603	0.1028	0.1724	0.1968	0.2258	0.3447	0.3509	0.4165	0.5889
27	583	-0.1729	-0.1364	-0.1511	-0.1739	-0.0459	-0.1594	-0.1211	-0.0172	0.0135	0.0786	0.1112	0.1348	0.1683	0.2647	0.2268	0.3093	0.4496
28	652	-0.1534	-0.1208	-0.1512	-0.1606	-0.0193	-0.1324	-0.0936	0.0139	0.0380	0.0827	0.1183	0.1582	0.1631	0.2155	0.1831	0.2520	0.3740
25	464	-0.1685	-0.1341	-0.1573	-0.1706	-0.0389	-0.1019	-0.0979	0.0116	0.0391	0.0723	0.0964	0.1486	0.1312	0.2004	0.1564	0.2076	0.3227
28	655	-0.1678	-0.1452	-0.1638	-0.1776	-0.0357	-0.1109	-0.0980	0.0032	0.0403	0.0892	0.1159	0.1322	0.1115	0.1828	0.1340	0.1778	0.2614
28	658	-0.1702	-0.1366	-0.1662	-0.1829	-0.0717	-0.1133	-0.0983	0.0002	0.0150	0.0764	0.1090	0.1357	0.1179	0.1710	0.1040	0.1376	0.2108
13	217	-0.2090	-0.1216	-0.1846	-0.2402	-0.0823	-0.0791	-0.1161	0.0307	0.0081	0.0607	0.0756	0.0944	0.0348	0.1504	-0.0076	0.0245	0.1317
Run	Point	CP82	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90	CP91	CP92	CP93	CP94	CP95			
6	93						-0.0289	-0.0132	-0.0077	-0.0558								
6	90						-0.0032	0.0704	0.0475	-0.0657	0.0276	-0.0570	-0.0830					
9	159	0.2329					0.0025	0.0439	0.0313	-0.0267	0.0335	-0.0202	-0.0506	-0.0237	-0.0458			
9	162	0.0050					-0.0106	0.0334	0.0219	-0.0416	0.0144	-0.0413	-0.0682	-0.0336	-0.0237			
9	165	0.0963	0.2133				-0.0095	0.0370	0.0199	-0.0492	0.0146	-0.0394	-0.0587	-0.0141	0.0127			
26	518	0.1006	0.2809	0.2397			-0.0516	0.0272	0.0086	-0.1135	0.0097	-0.0882	-0.1266	-0.0484	-0.0144			
26	521	0.1796	0.3718	0.3715	0.3631		-0.0651	0.0131	-0.0044	-0.1248	-0.0065	-0.1056	-0.1426	-0.0300	0.0050			
27	580	0.2338	0.3473	0.3562	0.4022	0.4889	-0.0828	-0.0362	-0.0472	-0.1254	-0.0571	-0.1123	-0.1250	-0.0030	0.1184			
27	583	0.2002	0.2644	0.2419	0.2684	0.3805	-0.1322	-0.0882	-0.1008	-0.1772	-0.1118	-0.1754	-0.1836	-0.0308	0.0908			
28	652	0.2016	0.2355	0.2149	0.2142	0.3047	-0.1314	-0.0914	-0.0978	-0.1654	-0.1141	-0.1653	-0.1674	-0.0081	0.1239			
25	464	0.2142	0.2126	0.1888	0.1704	0.2530	-0.1340	-0.0876	-0.1068	-0.1809	-0.1178	-0.1799	-0.1704	-0.0239	0.1257			
28	655	0.2016	0.1986	0.1704	0.1542	0.2105	-0.1418	-0.1005	-0.1058	-0.1819	-0.1264	-0.1881	-0.1833	0.0081	0.1363			
28	658	0.2001	0.1970	0.1542	0.1220	0.1709	-0.1433	-0.0964	-0.1071	-0.1803	-0.1181	-0.1770	-0.1599	-0.0102	0.1314			
13	217	0.1894	0.2027	0.1271	0.0536	0.1205	-0.1210	-0.0174	-0.0426	-0.2036	-0.0466	-0.1881	-0.1852	0.0185	0.1181			

Table 2. Continued

Run	Point	CP96	CP97	CP98	CP99	CP100	CP101	CP102	CP103	CP104	CP105	CP106	CP107	CP108	CP109	CP110	CP111	CP112
6	93						-0.1065	-0.0417										
6	90						-0.0167	-0.0483	-0.0494									
9	159	0.2346					-0.0174	-0.0313	-0.0060	-0.0101								
9	162	0.0091	0.1349				-0.0263	-0.0410	-0.0198	0.0071								
9	165	0.1084	0.1447	0.1447			-0.0275	-0.0412	-0.0167	0.0419	0.1778							
26	518	0.1171	0.1762	0.1762	0.2201		-0.0737	-0.1003	-0.0479	0.0189	0.2151							
26	521	0.1791	0.2682	0.2682	0.3327	0.4525	-0.0919	-0.1169	-0.0782	0.0766	0.2769							
27	580	0.2537	0.2723	0.2723	0.3145	0.4290	-0.0991	-0.1106	-0.0976	0.1629	0.2813	0.5127						
27	583	0.2061	0.2242	0.2242	0.2256	0.3156	-0.1543	-0.1586	-0.1530	0.1471	0.2110	0.4371	0.4152					
28	652	0.2242	0.2177	0.2177	0.1920	0.2509	-0.1433	-0.1526	-0.1675	0.1765	0.1796	0.3567	0.4782	0.4989				
25	464	0.2238	0.2038	0.2038	0.1703	0.2235	-0.1550	-0.1655	-0.1488	0.1620	0.1658	0.2952	0.4295	0.4905				
28	655	0.2134	0.1958	0.1958	0.1449	0.1885	-0.1571	-0.1671	-0.1618	0.1602	0.1522	0.2376	0.3409	0.4503				
28	658	0.2152	0.1997	0.1997	0.1399	0.1693	-0.1564	-0.1654	-0.1612	0.1510	0.1505	0.1712	0.2450	0.3420	0.5460			
13	217	0.2147	0.1778	0.1778	0.0796	0.1517	-0.1535	-0.1818	-0.1349	0.1865	0.0921	0.0551	0.1011	0.1283	0.2734	0.4321	0.3870	0.4080
Run	Point	CP113	CP114	CP115	CP116	CP117	CP118	CP119	CP120	CP121	CP122	CP123	CP124	CP125	CP126	CP127	CP128	CP129
6	93																	
6	90																	
9	159																	
9	162																	
9	165																	
26	518																	
26	521																	
27	580				0.4611	0.5192											0.4590	
27	583				0.3726	0.4963	0.4713										0.3594	
28	652				0.2688	0.3733	0.4504	0.4998									0.2606	0.5253
25	464				0.2338	0.3331	0.4017	0.4963	0.6025								0.2187	0.5124
28	655				0.1837	0.2603	0.3115	0.4419	0.5192								0.1750	0.4692
28	658				0.1505	0.2016	0.2161	0.3161	0.4761	0.5011							0.1469	0.3590
13	217	0.5041	0.4490	0.4272	0.0652	0.1252	0.0424	0.0777	0.1864	0.1680	0.3606	0.3815	0.3862	0.4072	0.4659	0.4263	0.0281	0.1752

Table 2. Continued

Run	Point	CP130	CP131	CP132	CP133	CP134	CP135	CP136	CP137	CP138	CP139	CP140	CP141	CP142	CP143	CP144	CP145	CP146
6	93																	0.1828
6	90																	0.2448
9	159																	0.2865
9	162																	0.2846
9	165																	0.3075
26	518																	0.3971
26	521																	0.4495
27	580																	0.4718
27	583				0.4602													0.4515
28	652				0.4425	0.5047	0.5934											0.5005
25	464				0.3860	0.4814	0.4329	0.6689										0.4888
28	655				0.3127	0.4186	0.4263	0.4841	0.4439									0.4823
28	658				0.2348	0.3167	0.3285	0.4371	0.4418	0.4611	0.4977							0.4982
13	217	0.3663	0.3973	0.5028	0.1080	0.1431	0.0674	0.2033	0.1223	0.2185	0.3200	0.2482	0.4010	0.4208	0.3434	0.4324	0.4716	0.5551
Run	Point	CP147	CP148	CP149	CP150	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163
6	93	0.0310	0.0572	0.0504					-0.0594	-0.0475	-0.0631	-0.0908	-0.0748	-0.0420	-0.0510	-0.0577	-0.0616	-0.0313
6	90	0.1298	0.1541	0.1520					-0.0430	-0.0317	-0.0468	-0.0738	-0.0571	-0.0247	-0.0329	-0.0406	-0.0423	-0.0113
9	159	0.1838	0.1832	0.1984					-0.0339	-0.0245	-0.0350	-0.0555	-0.0438	-0.0221	-0.0263	-0.0311	-0.0322	-0.0120
9	162	0.2113	0.2136	0.2103					-0.0493	-0.0403	-0.0494	-0.0707	-0.0586	-0.0360	-0.0412	-0.0461	-0.0461	-0.0276
9	165	0.2453	0.2721	0.2608					-0.0383	-0.0258	-0.0354	-0.0540	-0.0432	-0.0201	-0.0234	-0.0282	-0.0292	-0.0089
26	518	0.4108		0.2935					-0.0923	-0.0710	-0.0861	-0.1115	-0.0879	-0.0473	-0.0604	-0.0686	-0.0707	-0.0359
26	521	0.4918		0.4089					-0.1050	-0.0777	-0.0846	-0.1057	-0.0790	-0.0336	-0.0438	-0.0497	-0.0498	-0.0142
27	580	0.5362		0.4880	0.4406				-0.0892	-0.0851	-0.0808	-0.0926	-0.0749	-0.0422	-0.0363	-0.0349	-0.0351	-0.0131
27	583	0.5490		0.4780	0.3380				-0.0506	-0.1072	-0.1352	-0.1455	-0.1214	-0.0865	-0.0780	-0.0727	-0.0718	-0.0488
28	652	0.5964		0.5217	0.2569	0.4738			0.0234	-0.0212	-0.0997	-0.1490	-0.1213	-0.0852	-0.0801	-0.0772	-0.0703	-0.0396
25	464	0.5435		0.5002	0.2194	0.4634			0.0342	0.0071	-0.0682	-0.1484	-0.1417	-0.0975	-0.0823	-0.0767	-0.0679	-0.0418
28	655	0.5297		0.4881	0.1773	0.3985			0.0378	0.0277	-0.0232	-0.1126	-0.1415	-0.1163	-0.1045	-0.0965	-0.0843	-0.0510
28	658	0.5906		0.5102	0.1426	0.3006			0.0460	0.0519	0.0295	-0.0289	-0.0828	-0.1187	-0.1259	-0.1105	-0.0908	-0.0501
13	217	0.5846		0.4718	0.0715	0.1169	0.2497	0.4026	0.0210	0.0442	0.0255	-0.0136	0.0124	0.0519	0.0038	-0.0723	-0.1264	-0.0821

Table 2. Concluded

Run	Point	CP164	CP165
6	93	-0.0583	-0.0375
6	90	-0.0415	-0.0162
9	159	-0.0332	-0.0154
9	162	-0.0479	-0.0301
9	165	-0.0314	-0.0102
26	518	-0.0774	0.4227
26	521	-0.0747	0.4442
27	580	-0.0718	-0.0854
27	583	-0.1267	-0.1190
28	652	-0.1233	-0.1043
25	464	-0.1018	-0.0501
28	655	-0.0532	-0.1162
28	658	0.0187	-0.1155
13	217	0.0362	-0.1102

Table 3. Pressure Coefficients at  $M_\infty = 0.40$  for Cavity of  $w = 9.6$  in. and  $h = 2.4$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ , psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
6	84	0.40	3.63	19.92	22.24	2.22	99.9	2.00	0.8691	-0.2884	-0.2182	-0.1763	-0.1749	-0.1409	0.0054	-0.0811	-0.0638	-0.0514
6	87	0.40	3.62	19.93	22.24	2.22	100.4	3.99	0.8709	-0.2905	-0.2201	-0.1787	-0.1774	-0.1426	0.0014	-0.0826	-0.0660	-0.0528
9	157	0.40	3.65	19.89	22.21	2.23	98.6	6.00	0.8695	-0.2887	-0.2199	-0.1784	-0.1743	-0.1427	-0.0334	-0.0804	-0.0650	-0.0504
9	154	0.40	3.64	19.89	22.21	2.23	99.0	7.00	0.8630	-0.2964	-0.2270	-0.1869	-0.1823	-0.1517	-0.0368	-0.0891	-0.0744	-0.0590
9	151	0.40	3.65	19.90	22.22	2.23	98.5	8.00	0.8693	-0.2934	-0.2233	-0.1832	-0.1772	-0.1468	-0.0314	-0.0844	-0.0697	-0.0550
26	515	0.40	3.59	19.92	22.23	2.22	104.8	9.00	0.8724	-0.2878	-0.2224	-0.1774	-0.1797	-0.1433	0.0188	-0.0818	-0.0642	-0.0521
26	512	0.40	3.62	19.91	22.24	2.23	101.7	10.00	0.8720	-0.2864	-0.2204	-0.1763	-0.1765	-0.1409	0.0214	-0.0796	-0.0621	-0.0494
27	571	0.40	3.69	19.92	22.25	2.24	94.5	10.42	0.8680	-0.2896	-0.2223	-0.1777	-0.1778	-0.1431	0.0183	-0.0809	-0.0638	-0.0517
27	574	0.40	3.69	19.91	22.24	2.24	93.8	11.00	0.8714	-0.2890	-0.2209	-0.1764	-0.1764	-0.1411	0.0196	-0.0782	-0.0619	-0.0491
27	577	0.40	3.68	19.90	22.21	2.22	92.9	12.00	0.8643	-0.2978	-0.2287	-0.1852	-0.1833	-0.1496	0.0124	-0.0861	-0.0702	-0.0572
28	643	0.40	3.67	19.88	22.19	2.22	94.2	13.00	0.8707	-0.2970	-0.2267	-0.1875	-0.1800	-0.1508	0.0122	-0.0865	-0.0733	-0.0573
25	461	0.40	3.59	19.91	22.21	2.21	103.4	13.40	0.8733	-0.2907	-0.2222	-0.1814	-0.1749	-0.1449	0.0033	-0.0834	-0.0684	-0.0541
28	646	0.40	3.65	19.90	22.22	2.22	97.0	14.00	0.8722	-0.2916	-0.2225	-0.1840	-0.1757	-0.1467	0.0040	-0.0845	-0.0713	-0.0560
28	649	0.40	3.61	19.92	22.21	2.20	100.2	14.96	0.8731	-0.2947	-0.2250	-0.1868	-0.1785	-0.1485	-0.0269	-0.0844	-0.0718	-0.0563
29	688	0.40	3.64	19.90	22.22	2.22	98.5	17.00	0.8706	-0.2959	-0.2268	-0.1859	-0.1805	-0.1496	-0.0180	-0.0873	-0.0721	-0.0584
29	691	0.40	3.61	19.92	22.22	2.21	101.5	17.50	0.8687	-0.2968	-0.2280	-0.1868	-0.1814	-0.1497	-0.0132	-0.0877	-0.0731	-0.0586
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
6	84	-0.0490	-0.0498	0.9915	0.0556	0.0310	0.0064	0.0738	0.0058	0.0057	0.0925	0.0720	0.0650	0.0477	0.0160	0.0272	0.0144	-0.0309
6	87	-0.0525	-0.0512	0.9930	0.0524	0.0279	0.0031	0.0728	0.0026	0.0023	0.0908	0.0695	0.0632	0.0452	0.0134	0.0252	0.0124	-0.0337
9	157	-0.0481	-0.0466	0.9900	0.0528	0.0284	0.0060	0.0601	0.0042	-0.0332	0.0909	0.0714	0.0624	0.0480	0.0149	0.0241	0.0076	-0.0312
9	154	-0.0564	-0.0551	0.9818	0.0454	0.0207	-0.0014	0.0507	-0.0037	-0.0373	0.0829	0.0634	0.0546	0.0409	0.0070	0.0153	-0.0007	-0.0387
9	151	-0.0515	-0.0505	0.9892	0.0508	0.0252	0.0040	0.0512	0.0009	-0.0311	0.0882	0.0680	0.0591	0.0467	0.0123	0.0214	0.0028	-0.0332
26	515	-0.0515	-0.0528	0.9891	0.0501	0.0318	0.0043	0.0942	0.0044	0.0212	0.0913	0.0705	0.0634	0.0449	0.0140	0.0270	0.0190	-0.0349
26	512	-0.0494	-0.0494	0.9883	0.0513	0.0336	0.0062	0.0880	0.0064	0.0232	0.0930	0.0730	0.0645	0.0474	0.0159	0.0289	0.0189	-0.0321
27	571	-0.0506	-0.0506	0.9878	0.0531	0.0357	0.0070	0.0975	0.0067	0.0208	0.0945	0.0728	0.0657	0.0463	0.0157	0.0283	0.0191	-0.0328
27	574	-0.0485	-0.0487	0.9960	0.0558	0.0383	0.0097	0.0917	0.0087	0.0229	0.0972	0.0754	0.0677	0.0497	0.0177	0.0310	0.0205	-0.0294
27	577	-0.0564	-0.0561	0.9866	0.0474	0.0296	0.0017	0.0771	0.0002	0.0142	0.0885	0.0681	0.0590	0.0422	0.0100	0.0224	0.0111	-0.0371
28	643	-0.0541	-0.0508	0.9840	0.0478	0.0255	0.0043	0.0443	-0.0035	0.0129	0.0849	0.0665	0.0542	0.0448	0.0087	0.0181	-0.0017	-0.0355
25	461	-0.0497	-0.0484	0.9844	0.0516	0.0293	0.0074	0.0539	0.0032	0.0043	0.0893	0.0712	0.0612	0.0490	0.0132	0.0243	0.0068	-0.0298
28	646	-0.0520	-0.0488	0.9814	0.0505	0.0280	0.0077	0.0455	-0.0001	0.0039	0.0876	0.0699	0.0575	0.0482	0.0127	0.0216	0.0018	-0.0321
28	649	-0.0530	-0.0503	0.9847	0.0498	0.0278	0.0066	0.0435	-0.0006	-0.0265	0.0872	0.0693	0.0568	0.0481	0.0117	0.0205	-0.0001	-0.0335
29	688	-0.0556	-0.0542	0.9856	0.0485	0.0275	0.0042	0.0580	-0.0001	-0.0174	0.0867	0.0677	0.0573	0.0451	0.0105	0.0199	0.0031	-0.0359
29	691	-0.0565	-0.0551	0.9838	0.0469	0.0265	0.0022	0.0591	-0.0014	-0.0112	0.0860	0.0668	0.0563	0.0442	0.0093	0.0194	0.0026	-0.0367

Table 3. Continued

Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
6	84	-0.0064	-0.0534	-0.0423	-0.0273	-0.0166	-0.0156	-0.0186	-0.0124	-0.0086	-0.0136	-0.0062	-0.0141	-0.0014	0.0095	-0.0014	-0.0200	-0.0105
6	87	-0.0085	-0.0549	-0.0446	-0.0283	-0.0172	-0.0172	-0.0206	-0.0162	-0.0130	-0.0179	-0.0099	-0.0183	-0.0040	0.0068	-0.0030	-0.0105	-0.0233
9	157	-0.0138	-0.0529	-0.0380	-0.0277	-0.0188	-0.0154	-0.0177	-0.0153	-0.0096	-0.0129	-0.0190	-0.0156	-0.0039	0.0014	-0.0054	-0.0085	0.0070
9	154	-0.0220	-0.0607	-0.0457	-0.0357	-0.0268	-0.0239	-0.0270	-0.0254	-0.0201	-0.0235	-0.0168	-0.0270	-0.0150	-0.0104	-0.0153	-0.0195	0.0012
9	151	-0.0179	-0.0557	-0.0415	-0.0323	-0.0235	-0.0194	-0.0220	-0.0197	-0.0150	-0.0182	-0.0190	-0.0215	-0.0124	-0.0108	-0.0128	-0.0179	0.0008
26	515	-0.0045	-0.0540	-0.0443	-0.0313	-0.0195	-0.0200	-0.0267	-0.0198	-0.0167	-0.0232	-0.0161	-0.0291	-0.0164	-0.0127	-0.0104	-0.0261	0.0051
26	512	-0.0039	-0.0512	-0.0420	-0.0293	-0.0178	-0.0178	-0.0240	-0.0185	-0.0167	-0.0242	-0.0275	-0.0330	-0.0237	-0.0249	-0.0150	-0.0306	0.0070
27	571	-0.0013	-0.0527	-0.0453	-0.0305	-0.0179	-0.0183	-0.0250	-0.0198	-0.0169	-0.0261	-0.0325	-0.0373	-0.0293	-0.0347	-0.0197	-0.0367	0.0060
27	574	-0.0007	-0.0499	-0.0427	-0.0299	-0.0182	-0.0180	-0.0250	-0.0198	-0.0176	-0.0265	-0.0328	-0.0383	-0.0323	-0.0405	-0.0207	-0.0376	0.0076
27	577	-0.0101	-0.0572	-0.0516	-0.0394	-0.0289	-0.0282	-0.0347	-0.0291	-0.0265	-0.0355	-0.0431	-0.0479	-0.0439	-0.0543	-0.0317	-0.0499	-0.0030
28	643	-0.0220	-0.0592	-0.0488	-0.0399	-0.0338	-0.0303	-0.0326	-0.0310	-0.0306	-0.0366	-0.0460	-0.0483	-0.0512	-0.0664	-0.0402	-0.0503	-0.0073
25	461	-0.0155	-0.0515	-0.0425	-0.0331	-0.0257	-0.0239	-0.0242	-0.0225	-0.0221	-0.0275	-0.0327	-0.0382	-0.0425	-0.0582	-0.0301	-0.0422	0.0002
28	646	-0.0200	-0.0549	-0.0453	-0.0372	-0.0308	-0.0268	-0.0283	-0.0265	-0.0261	-0.0319	-0.0418	-0.0447	-0.0499	-0.0670	-0.0388	-0.0489	-0.0063
28	649	-0.0220	-0.0567	-0.0468	-0.0390	-0.0329	-0.0288	-0.0300	-0.0278	-0.0277	-0.0337	-0.0442	-0.0476	-0.0534	-0.0719	-0.0413	-0.0521	-0.0095
29	688	-0.0169	-0.0552	-0.0475	-0.0388	-0.0313	-0.0291	-0.0309	-0.0286	-0.0275	-0.0347	-0.0444	-0.0483	-0.0536	-0.0710	-0.0400	-0.0553	-0.0116
29	691	-0.0189	-0.0568	-0.0493	-0.0406	-0.0331	-0.0311	-0.0336	-0.0308	-0.0294	-0.0368	-0.0461	-0.0501	-0.0547	-0.0730	-0.0421	-0.0578	-0.0138
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP56	CP60	CP61			
6	84	-0.0363	-0.0199	-0.0199	-0.0094	-0.0025	0.0416	0.0021	-0.0355	-0.0488	-0.0004	0.0255	-0.0778	0.0121	-0.0414			
6	87	-0.0474	-0.0262	-0.0219	-0.0249	-0.0088	0.0339	0.0051	0.0106	-0.0071	0.0053	0.0599	-0.0198	0.0151	-0.0031			
9	157	-0.0509	-0.0295	-0.0194	0.0092	-0.0158	0.0049	-0.0005	0.0002	-0.0045	0.0066	0.0000		0.0012	-0.0081			
9	154	-0.0308	-0.0523	-0.0290	0.0089	-0.0386	-0.0158	-0.0197	-0.0151	-0.0233	-0.0122	-0.0199		-0.0178	-0.0220			
9	151	0.0107	-0.0617	-0.0257	0.0086	-0.0501	-0.0265	-0.0252	-0.0232	-0.0255	-0.0228	-0.0324		-0.0223	-0.0303			
26	515	0.0167	-0.0476	-0.0346	0.0129	-0.0258	-0.0451	-0.0430	-0.0376	-0.0436	-0.0382	-0.0553		-0.0453	-0.0565			
26	512	0.0322	0.0223	-0.0372	0.0181	0.0427	-0.0670	-0.0665	-0.0519	-0.0681	-0.0630	-0.0781		-0.0663	-0.0790			
27	571	0.0299	0.0412	-0.0440	0.0153	0.0640	-0.0885	-0.0820	-0.0775	-0.0917	-0.0836	-0.0999		-0.0813	-0.0929			
27	574	0.0357	0.0649	-0.0440	0.0192	0.0868	-0.0989	-0.0955	-0.0885	-0.1025	-0.0929	-0.1090		-0.0937	-0.1053			
27	577	0.0251	0.0650	-0.0535	0.0090	0.0854	-0.1185	-0.1195	-0.1091	-0.1237	-0.1134	-0.1292		-0.1145	-0.1256			
28	643	0.0348	0.0627	-0.0486	0.0056	0.0728	-0.1342	-0.1353	-0.1266	-0.1319	-0.1314	-0.1379		-0.1226	-0.1289			
25	461	0.0396	0.0675	-0.0432	0.0133	0.0776	-0.1288	-0.1263	-0.1217	-0.1267	-0.1273	-0.1333		-0.1248	-0.1284			
28	646	0.0338	0.0575	-0.0455	0.0076	0.0672	-0.1406	-0.1417	-0.1376	-0.1401	-0.1386	-0.1443		-0.1311	-0.1378			
28	649	0.0287	0.0483	-0.0491	0.0039	0.0577	-0.1469	-0.1460	-0.1413	-0.1486	-0.1513	-0.1540		-0.1395	-0.1456			
29	688	0.0148	0.0327	-0.0531	0.0005	0.0447	-0.1538	-0.1526	-0.1484	-0.1565	-0.1514	-0.1613		-0.1529	-0.1584			
29	691	0.0117	0.0291	-0.0540	-0.0020	0.0411	-0.1559	-0.1556	-0.1488	-0.1534	-0.1531	-0.1634		-0.1501	-0.1560			

Table 3. Continued

Run	Point	CP62	CP63	CP64	CP65	CP66	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
6	84	-0.0854	-0.0667															
6	87	-0.0233	-0.0044	-0.0266	-0.0532	-0.0256	-0.0429	0.0177										
9	157	-0.0200	-0.0156	-0.0361	-0.0226	-0.0690	-0.0097	0.0049	0.0470	0.0426	0.0581	0.2158						
9	154	-0.0311	-0.0272	-0.0411	-0.0539	-0.0720	-0.0330	-0.0429	0.0190	0.0644	0.0904	0.0932	0.2152					
9	151	-0.0376	-0.0322	-0.0414	-0.0557	-0.0629	-0.0321	-0.0503	-0.0082	0.0327	0.0897	0.1430	0.1854	0.1833				
26	515	-0.0703	-0.0496	-0.0634	-0.0802	-0.0159	-0.0465	-0.0488	-0.0156	-0.0015	0.0347	0.1628	0.2121	0.2517	0.2677			
26	512	-0.0947	-0.0728	-0.0892	-0.1020	-0.0101	-0.0808	-0.0718	-0.0140	0.0074	0.0468	0.1441	0.2053	0.2701	0.3568	0.3693		
27	571	-0.1047	-0.0878	-0.0998	-0.1125	-0.0159	-0.0862	-0.0920	-0.0253	0.0147	0.0777	0.1753	0.2045	0.2488	0.3520	0.3783	0.4033	
27	574	-0.1176	-0.1015	-0.1151	-0.1287	-0.0117	-0.1145	-0.0904	-0.0100	0.0357	0.1061	0.1409	0.1932	0.2438	0.3362	0.3588	0.4186	0.5122
27	577	-0.1379	-0.1208	-0.1385	-0.1478	-0.0178	-0.1279	-0.1146	-0.0269	0.0288	0.0738	0.1043	0.1528	0.1983	0.2588	0.2713	0.3501	0.4551
28	643	-0.1367	-0.1311	-0.1468	-0.1485	0.0010	-0.1242	-0.0877	-0.0186	0.0284	0.0801	0.1096	0.1461	0.1693	0.1955	0.2134	0.2658	0.3515
25	461	-0.1344	-0.1299	-0.1438	-0.1446	-0.0169	-0.1443	-0.1100	-0.0248	0.0348	0.0765	0.0951	0.1381	0.1599	0.1928	0.1926	0.2357	0.3108
28	646	-0.1431	-0.1389	-0.1511	-0.1586	-0.0103	-0.1125	-0.0792	-0.0217	0.0220	0.0664	0.1059	0.1383	0.1520	0.1714	0.1702	0.2005	0.2533
28	649	-0.1485	-0.1472	-0.1586	-0.1657	-0.0528	-0.1152	-0.0693	-0.0211	0.0243	0.0531	0.0991	0.1246	0.1384	0.1529	0.1422	0.1564	0.1877
29	688	-0.1632	-0.1591	-0.1680	-0.1913	-0.0490	-0.1256	-0.1035	-0.0320	0.0065	0.0395	0.0877	0.1062	0.1029	0.1143	0.0866	0.0899	0.1066
29	691	-0.1624	-0.1574	-0.1708	-0.1823	-0.0391	-0.1404	-0.0978	-0.0235	0.0182	0.0586	0.0834	0.0919	0.0940	0.1122	0.0841	0.0849	0.0968
Run	Point	CP82	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90	CP91	CP92	CP93	CP94	CP95			
6	84						-0.0145	-0.0646	-0.0385	-0.0019								
6	87						-0.0092	0.0067	0.0082	-0.0285	-0.0160	-0.0726	-0.0465					
9	157	0.2951					-0.0051	0.0019	-0.0017	-0.0225	-0.0115	-0.0330	-0.0463	-0.0069	0.0418			
9	154	0.0974					-0.0288	-0.0170	-0.0180	-0.0424	-0.0274	-0.0528	-0.0399	0.0078	0.0472			
9	151	0.1192	0.2232				-0.0343	-0.0207	-0.0292	-0.0496	-0.0342	-0.0525	-0.0528	-0.0116	0.0498			
26	515	0.1378	0.2780	0.2978			-0.0535	-0.0293	-0.0358	-0.0730	-0.0402	-0.0759	-0.0855	-0.0220	0.0343			
26	512	0.1675	0.3205	0.3562	0.3562		-0.0758	-0.0543	-0.0629	-0.0983	-0.0662	-0.0923	-0.1003	-0.0438	0.0616			
27	571	0.1824	0.3141	0.3434	0.3836	0.4091	-0.0879	-0.0632	-0.0729	-0.1108	-0.0754	-0.1138	-0.1183	-0.0301	0.0656			
27	574	0.2054	0.3026	0.3337	0.3882	0.4558	-0.1006	-0.0786	-0.0905	-0.1243	-0.0940	-0.1256	-0.1238	-0.0285	0.0940			
27	577	0.1994	0.2539	0.2580	0.2978	0.3946	-0.1200	-0.1025	-0.1082	-0.1435	-0.1188	-0.1514	-0.1462	-0.0501	0.0932			
28	643	0.1895	0.2097	0.2051	0.2207	0.2871	-0.1394	-0.1301	-0.1385	-0.1565	-0.1474	-0.1676	-0.1439	-0.0104	0.1201			
25	461	0.1987	0.1972	0.1921	0.1995	0.2540	-0.1311	-0.1221	-0.1251	-0.1461	-0.1380	-0.1641	-0.1431	-0.0139	0.1381			
28	646	0.1949	0.1835	0.1692	0.1654	0.2071	-0.1421	-0.1355	-0.1367	-0.1540	-0.1507	-0.1734	-0.1588	0.0032	0.1358			
28	649	0.1903	0.1664	0.1440	0.1308	0.1580	-0.1509	-0.1424	-0.1449	-0.1646	-0.1604	-0.1815	-0.1566	-0.0124	0.1385			
29	688	0.1822	0.1527	0.1212	0.0888	0.1027	-0.1526	-0.1447	-0.1463	-0.1745	-0.1623	-0.1802	-0.1567	-0.0089	0.1357			
29	691	0.1827	0.1410	0.1097	0.0781	0.0886	-0.1589	-0.1454	-0.1538	-0.1783	-0.1672	-0.1901	-0.1616	-0.0109	0.1453			

Table 3. Continued

Run	Point	CP96	CP97	CP98	CP99	CP100	CP101	CP102	CP103	CP104	CP105	CP106	CP107	CP108	CP109	CP110	CP111	CP112
6	84						-0.0889	-0.0030										
6	87						-0.0228	-0.0385	-0.0611									
9	157	0.3177					-0.0186	-0.0327	-0.0271	0.0651								
9	154	0.1318	0.2123				-0.0332	-0.0471	-0.0509	0.0896								
9	151	0.1434	0.1917	0.1917			-0.0415	-0.0437	-0.0515	0.0540	0.1921							
26	515	0.1492	0.2148	0.2148	0.3159		-0.0613	-0.0681	-0.0611	0.0415	0.2707							
26	512	0.1804	0.2515	0.2515	0.3554	0.4154	-0.0907	-0.0933	-0.0911	0.0714	0.2922							
27	571	0.1886	0.2566	0.2566	0.3269	0.4074	-0.0931	-0.1036	-0.1070	0.0842	0.2934							
27	574	0.2274	0.2659	0.2659	0.3121	0.3995	-0.1118	-0.1159	-0.1176	0.1235	0.2808	0.4860						
27	577	0.2136	0.2345	0.2345	0.2447	0.3122	-0.1318	-0.1385	-0.1403	0.1149	0.2288	0.4497	0.4478					
28	643	0.1992	0.2062	0.2062	0.1999	0.2326	-0.1423	-0.1395	-0.1618	0.1268	0.1996	0.3701	0.4597	0.4631				
25	461	0.1981	0.2124	0.2124	0.1911	0.2168	-0.1428	-0.1403	-0.1565	0.1406	0.1887	0.3233	0.4297	0.4899				
28	646	0.2120	0.1981	0.1981	0.1660	0.1819	-0.1450	-0.1448	-0.1721	0.1301	0.1741	0.2578	0.3517	0.4614				
28	649	0.1989	0.1843	0.1843	0.1408	0.1495	-0.1581	-0.1560	-0.1785	0.1523	0.1550	0.1865	0.2455	0.3333	0.5026			
29	688	0.1996	0.1726	0.1726	0.1113	0.1114	-0.1608	-0.1631	-0.1762	0.1591	0.1318	0.0954	0.1135	0.1459	0.2811	0.4039	0.4528	0.4893
29	691	0.1954	0.1668	0.1668	0.1015	0.0993	-0.1661	-0.1639	-0.1784	0.1540	0.1293	0.0818	0.0965	0.1213	0.2286	0.3315	0.3828	0.4479
Run	Point	CP113	CP114	CP115	CP116	CP117	CP118	CP119	CP120	CP121	CP122	CP123	CP124	CP125	CP126	CP127	CP128	CP129
6	84																	
6	87																	
9	157																	
9	154																	
9	151																	
26	515																	
26	512																	
27	571				0.4430												0.4426	
27	574				0.4521	0.5180											0.4453	
27	577				0.3760	0.4519	0.4753										0.3713	
28	643				0.2808	0.3665	0.4580	0.4981									0.2850	0.4780
25	461				0.2494	0.3330	0.4405	0.4974	0.5792								0.2536	0.5055
28	646				0.1999	0.2582	0.3456	0.4654	0.5227								0.2116	0.4664
28	649				0.1540	0.1864	0.2327	0.3278	0.4471	0.5108							0.1625	0.3309
29	688	0.5161	0.4562		0.0901	0.1004	0.1039	0.1351	0.1961	0.2676	0.3886	0.4440	0.4782	0.5049	0.4427		0.0885	0.1432
29	691	0.4920	0.5029	0.4652	0.0835	0.0942	0.0942	0.1176	0.1668	0.2163	0.3240	0.3797	0.4353	0.4754	0.5001	0.4637	0.0880	0.1252



Table 3. Continued

Run	Point	CP130	CP131	CP132	CP133	CP134	CP135	CP136	CP137	CP138	CP139	CP140	CP141	CP142	CP143	CP144	CP145	CP146
6	84																	0.2075
6	87																	0.2568
9	157																	0.3103
9	154																	0.3224
9	151																	0.3603
26	515																	0.4085
26	512																	0.4343
27	571																	0.4519
27	574																	0.4704
27	577				0.4925													0.4760
28	643				0.4338	0.4593												0.4874
25	461				0.3966	0.4686	0.4751	0.6283										0.4728
28	646				0.3227	0.4241	0.4595	0.4756	0.4573									0.4986
28	649				0.2292	0.3036	0.3441	0.4071	0.4523	0.4822	0.5137							0.5111
29	688	0.3959	0.5012	0.4698	0.1171	0.1455	0.1557	0.1947	0.2168	0.2667	0.3234	0.3547	0.4105	0.4246	0.4202	0.4098		0.5232
29	691	0.3181	0.4414	0.5064	0.1040	0.1236	0.1276	0.1632	0.1762	0.2170	0.2637	0.2950	0.3586	0.4037	0.4160	0.4058	0.4225	0.5303
Run	Point	CP147	CP148	CP149	CP150	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163
6	84	0.0734	0.0573	0.1045					-0.0258	-0.0235	-0.0263	-0.0363	-0.0319	-0.0235	-0.0263	-0.0290	-0.0329	-0.0272
6	87	0.1728	0.1661	0.2301					-0.0313	-0.0284	-0.0315	-0.0420	-0.0372	-0.0282	-0.0309	-0.0344	-0.0369	-0.0318
9	157	0.2496	0.2297	0.2697					-0.0299	-0.0273	-0.0290	-0.0367	-0.0333	-0.0268	-0.0274	-0.0303	-0.0316	-0.0271
9	154	0.3031	0.2745	0.3019					-0.0427	-0.0388	-0.0401	-0.0467	-0.0431	-0.0369	-0.0373	-0.0399	-0.0409	-0.0363
9	151	0.3608	0.3074	0.3245					-0.0446	-0.0388	-0.0376	-0.0437	-0.0395	-0.0328	-0.0330	-0.0356	-0.0366	-0.0327
26	515	0.4321		0.3605					-0.0715	-0.0602	-0.0590	-0.0631	-0.0523	-0.0397	-0.0430	-0.0457	-0.0493	-0.0418
26	512	0.4770		0.4368					-0.0975	-0.0819	-0.0735	-0.0730	-0.0584	-0.0436	-0.0439	-0.0463	-0.0469	-0.0385
27	571	0.4953		0.4474	0.4202				-0.1092	-0.0899	-0.0797	-0.0847	-0.0737	-0.0561	-0.0483	-0.0467	-0.0484	-0.0401
27	574	0.5439		0.4952	0.4319				-0.1051	-0.1075	-0.0933	-0.0927	-0.0796	-0.0605	-0.0513	-0.0474	-0.0471	-0.0378
27	577	0.5587		0.5024	0.3556				-0.0328	-0.1037	-0.1281	-0.1260	-0.1068	-0.0826	-0.0698	-0.0626	-0.0603	-0.0497
28	643	0.5576		0.5212	0.2621	0.4863			0.0369	-0.0164	-0.0986	-0.1409	-0.1192	-0.0924	-0.0822	-0.0759	-0.0694	-0.0538
25	461	0.5721		0.5222	0.2356	0.4758			0.0559	0.0216	-0.0508	-0.1268	-0.1288	-0.0985	-0.0775	-0.0653	-0.0568	-0.0474
28	646	0.5688		0.5183	0.1936	0.4149			0.0612	0.0443	-0.0013	-0.0854	-0.1308	-0.1174	-0.0987	-0.0849	-0.0733	-0.0551
28	649	0.5945		0.5339	0.1493	0.3040			0.0603	0.0602	0.0468	0.0020	-0.0717	-0.1344	-0.1371	-0.1154	-0.0939	-0.0686
29	688	0.6145		0.5311	0.0917	0.1361	0.3442	0.4700	0.0375	0.0447	0.0494	0.0458	0.0438	0.0238	-0.0381	-0.1230	-0.1480	-0.1212
29	691	0.5887		0.5142	0.0802	0.1114	0.2789	0.4303	0.0317	0.0385	0.0428	0.0408	0.0452	0.0392	0.0004	-0.0781	-0.1454	-0.1378

Table 3. Concluded

Run	Point	CP164	CP165
6	84	-0.0272	-0.0300
6	87	-0.0321	-0.0340
9	157	-0.0297	-0.0287
9	154	-0.0405	-0.0376
9	151	-0.0382	-0.0350
26	515	-0.0547	0.1105
26	512	-0.0673	0.1167
27	571	-0.0736	-0.0665
27	574	-0.0859	-0.0632
27	577	-0.1235	-0.0752
28	643	-0.1288	-0.0735
25	461	-0.0953	-0.0513
28	646	-0.0379	-0.0758
28	649	0.0323	-0.0889
29	688	0.0516	-0.1308
29	691	0.0461	-0.1523

Table 4. Pressure Coefficients at  $M_\infty = 0.60$  for Cavity of  $w = 9.6$  in. and  $h = 2.4$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_{\infty}$ , psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
6	81	0.60	4.70	16.36	20.86	4.11	99.4	2.00	0.9617	-0.3369	-0.2530	-0.2091	-0.2010	-0.1655	-0.0034	-0.0947	-0.0776	-0.0616
6	78	0.60	4.69	16.34	20.83	4.11	99.5	3.99	0.9650	-0.3342	-0.2508	-0.2072	-0.1998	-0.1639	-0.0038	-0.0945	-0.0770	-0.0609
9	143	0.60	4.70	16.34	20.86	4.13	100.4	6.00	0.9652	-0.3385	-0.2564	-0.2143	-0.2045	-0.1703	-0.0508	-0.0968	-0.0811	-0.0653
9	146	0.60	4.71	16.33	20.86	4.14	100.3	7.00	0.9637	-0.3407	-0.2584	-0.2153	-0.2056	-0.1713	-0.0455	-0.0980	-0.0820	-0.0666
9	149	0.60	4.70	16.35	20.86	4.13	100.5	8.00	0.9625	-0.3354	-0.2536	-0.2111	-0.2016	-0.1678	-0.0416	-0.0964	-0.0804	-0.0643
26	509	0.60	4.72	16.33	20.83	4.12	97.5	9.00	0.9789	-0.3308	-0.2520	-0.2068	-0.1999	-0.1643	0.0127	-0.0935	-0.0765	-0.0607
26	506	0.60	4.72	16.29	20.79	4.12	97.7	9.38	0.9744	-0.3406	-0.2619	-0.2164	-0.2094	-0.1732	0.0002	-0.1014	-0.0840	-0.0699
26	503	0.60	4.72	16.37	20.87	4.12	98.2	10.00	0.9765	-0.3306	-0.2525	-0.2072	-0.2000	-0.1644	0.0075	-0.0939	-0.0766	-0.0615
27	559	0.60	4.64	16.33	20.84	4.13	105.6	10.42	0.9666	-0.3325	-0.2532	-0.2075	-0.2005	-0.1647	0.0177	-0.0923	-0.0752	-0.0605
27	562	0.60	4.63	16.33	20.83	4.11	105.7	11.00	0.9631	-0.3388	-0.2587	-0.2133	-0.2061	-0.1704	0.0070	-0.0976	-0.0798	-0.0650
27	565	0.60	4.64	16.36	20.87	4.12	105.9	11.25	0.9629	-0.3374	-0.2577	-0.2128	-0.2051	-0.1695	0.0077	-0.0965	-0.0790	-0.0642
27	568	0.60	4.63	16.36	20.86	4.11	106.1	12.00	0.9656	-0.3350	-0.2555	-0.2101	-0.2028	-0.1672	0.0084	-0.0948	-0.0781	-0.0633
28	634	0.60	4.68	16.34	20.86	4.13	102.1	13.00	0.9649	-0.3439	-0.2635	-0.2209	-0.2100	-0.1762	0.0084	-0.1032	-0.0873	-0.0712
25	458	0.60	4.67	16.33	20.83	4.11	102.1	13.40	0.9688	-0.3371	-0.2565	-0.2145	-0.2035	-0.1703	-0.0098	-0.0994	-0.0828	-0.0676
28	637	0.60	4.68	16.35	20.85	4.11	101.8	14.00	0.9651	-0.3401	-0.2597	-0.2172	-0.2062	-0.1729	-0.0024	-0.1004	-0.0844	-0.0686
28	640	0.60	4.68	16.32	20.82	4.11	101.4	14.96	0.9616	-0.3429	-0.2629	-0.2208	-0.2099	-0.1761	-0.0441	-0.1032	-0.0872	-0.0714
29	682	0.60	4.67	16.32	20.83	4.13	102.4	17.00	0.9655	-0.3357	-0.2561	-0.2132	-0.2037	-0.1692	-0.0271	-0.0974	-0.0810	-0.0654
29	685	0.60	4.68	16.30	20.81	4.13	101.7	17.50	0.9643	-0.3404	-0.2604	-0.2177	-0.2071	-0.1732	-0.0237	-0.1017	-0.0853	-0.0700
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
6	81	-0.0585	-0.0549	1.0452	0.0608	0.0311	0.0077	0.0491	0.0025	-0.0029	0.1030	0.0794	0.0676	0.0528	0.0112	0.0206	-0.0058	-0.0457
6	78	-0.0583	-0.0550	1.0468	0.0606	0.0312	0.0081	0.0499	0.0032	-0.0033	0.1035	0.0795	0.0684	0.0529	0.0119	0.0214	-0.0050	-0.0458
9	143	-0.0615	-0.0585	1.0448	0.0593	0.0277	0.0062	0.0383	-0.0008	-0.0501	0.0997	0.0772	0.0640	0.0512	0.0086	0.0161	-0.0130	-0.0485
9	146	-0.0621	-0.0587	1.0446	0.0581	0.0266	0.0051	0.0372	-0.0011	-0.0445	0.0992	0.0763	0.0631	0.0504	0.0079	0.0153	-0.0137	-0.0495
9	149	-0.0597	-0.0568	1.0432	0.0604	0.0287	0.0072	0.0397	0.0010	-0.0409	0.1012	0.0783	0.0650	0.0519	0.0100	0.0175	-0.0111	-0.0467
26	509	-0.0568	-0.0536	1.0461	0.0642	0.0354	0.0110	0.0587	0.0058	0.0141	0.1074	0.0827	0.0681	0.0539	0.0127	0.0235	-0.0017	-0.0444
26	506	-0.0676	-0.0648	1.0429	0.0572	0.0284	0.0037	0.0522	-0.0018	0.0018	0.0998	0.0754	0.0613	0.0471	0.0052	0.0161	-0.0095	-0.0529
26	503	-0.0584	-0.0554	1.0449	0.0630	0.0350	0.0106	0.0614	0.0054	0.0077	0.1063	0.0819	0.0681	0.0535	0.0119	0.0227	-0.0014	-0.0452
27	559	-0.0574	-0.0549	1.0451	0.0674	0.0383	0.0122	0.0691	0.0071	0.0181	0.1082	0.0833	0.0699	0.0544	0.0141	0.0247	0.0000	-0.0432
27	562	-0.0621	-0.0596	1.0412	0.0616	0.0331	0.0071	0.0644	0.0017	0.0092	0.1033	0.0780	0.0646	0.0495	0.0087	0.0195	-0.0053	-0.0490
27	565	-0.0613	-0.0589	1.0390	0.0612	0.0327	0.0067	0.0640	0.0013	0.0084	0.1025	0.0775	0.0642	0.0487	0.0083	0.0191	-0.0049	-0.0478
27	568	-0.0603	-0.0579	1.0448	0.0642	0.0359	0.0096	0.0672	0.0049	0.0099	0.1059	0.0813	0.0679	0.0520	0.0119	0.0221	-0.0023	-0.0461
28	634	-0.0673	-0.0632	1.0386	0.0560	0.0259	0.0030	0.0385	-0.0050	0.0088	0.0967	0.0733	0.0575	0.0458	0.0034	0.0123	-0.0170	-0.0523
25	458	-0.0630	-0.0590	1.0411	0.0578	0.0283	0.0067	0.0361	-0.0004	-0.0089	0.1000	0.0774	0.0621	0.0513	0.0075	0.0175	-0.0122	-0.0477
28	637	-0.0642	-0.0603	1.0392	0.0595	0.0291	0.0062	0.0404	-0.0025	-0.0028	0.0999	0.0764	0.0609	0.0491	0.0069	0.0153	-0.0140	-0.0496
28	640	-0.0675	-0.0634	1.0313	0.0551	0.0253	0.0026	0.0355	-0.0050	-0.0430	0.0955	0.0724	0.0566	0.0456	0.0030	0.0113	-0.0181	-0.0533
29	682	-0.0611	-0.0578	1.0401	0.0614	0.0317	0.0084	0.0475	0.0012	-0.0261	0.1027	0.0788	0.0636	0.0518	0.0093	0.0189	-0.0091	-0.0467
29	685	-0.0659	-0.0627	1.0370	0.0584	0.0285	0.0048	0.0433	-0.0024	-0.0235	0.0986	0.0755	0.0601	0.0478	0.0058	0.0148	-0.0132	-0.0511

Table 4. Continued

Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
6	81	-0.0300	-0.0682	-0.0501	-0.0373	-0.0297	-0.0261	-0.0255	-0.0214	-0.0186	-0.0217	-0.0223	-0.0206	-0.0126	-0.0029	-0.0136	-0.0299	-0.0256
6	78	-0.0296	-0.0683	-0.0491	-0.0370	-0.0292	-0.0251	-0.0244	-0.0204	-0.0175	-0.0203	-0.0217	-0.0169	-0.0081	0.0009	-0.0104	-0.0124	-0.0369
9	143	-0.0381	-0.0722	-0.0484	-0.0396	-0.0323	-0.0274	-0.0273	-0.0279	-0.0232	-0.0247	-0.0291	-0.0260	-0.0183	-0.0154	-0.0195	-0.0188	0.0001
9	146	-0.0384	-0.0728	-0.0494	-0.0418	-0.0347	-0.0292	-0.0291	-0.0287	-0.0237	-0.0258	-0.0264	-0.0277	-0.0200	-0.0206	-0.0231	-0.0234	0.0007
9	149	-0.0363	-0.0699	-0.0470	-0.0393	-0.0324	-0.0274	-0.0276	-0.0278	-0.0225	-0.0256	-0.0310	-0.0294	-0.0238	-0.0229	-0.0242	-0.0266	0.0015
26	509	-0.0270	-0.0661	-0.0457	-0.0359	-0.0279	-0.0244	-0.0260	-0.0241	-0.0224	-0.0273	-0.0346	-0.0334	-0.0316	-0.0384	-0.0250	-0.0338	0.0180
26	506	-0.0352	-0.0745	-0.0538	-0.0450	-0.0362	-0.0323	-0.0338	-0.0297	-0.0279	-0.0334	-0.0416	-0.0383	-0.0339	-0.0387	-0.0301	-0.0417	-0.0052
26	503	-0.0267	-0.0666	-0.0465	-0.0373	-0.0298	-0.0269	-0.0291	-0.0254	-0.0233	-0.0290	-0.0367	-0.0342	-0.0311	-0.0381	-0.0272	-0.0396	-0.0014
27	559	-0.0244	-0.0647	-0.0467	-0.0366	-0.0275	-0.0248	-0.0272	-0.0236	-0.0215	-0.0274	-0.0354	-0.0357	-0.0335	-0.0407	-0.0275	-0.0411	-0.0023
27	562	-0.0297	-0.0702	-0.0526	-0.0425	-0.0341	-0.0314	-0.0344	-0.0312	-0.0296	-0.0365	-0.0403	-0.0443	-0.0434	-0.0544	-0.0371	-0.0520	-0.0079
27	565	-0.0297	-0.0698	-0.0523	-0.0421	-0.0345	-0.0320	-0.0353	-0.0312	-0.0296	-0.0358	-0.0439	-0.0434	-0.0431	-0.0549	-0.0360	-0.0525	-0.0097
27	568	-0.0264	-0.0668	-0.0496	-0.0407	-0.0320	-0.0291	-0.0314	-0.0280	-0.0269	-0.0341	-0.0457	-0.0444	-0.0454	-0.0594	-0.0378	-0.0547	-0.0094
28	634	-0.0411	-0.0751	-0.0567	-0.0496	-0.0434	-0.0383	-0.0389	-0.0362	-0.0359	-0.0408	-0.0516	-0.0521	-0.0585	-0.0753	-0.0505	-0.0649	-0.0232
25	458	-0.0383	-0.0702	-0.0512	-0.0431	-0.0375	-0.0335	-0.0326	-0.0315	-0.0314	-0.0366	-0.0460	-0.0462	-0.0534	-0.0715	-0.0464	-0.0600	-0.0183
28	637	-0.0383	-0.0724	-0.0535	-0.0467	-0.0407	-0.0360	-0.0369	-0.0343	-0.0335	-0.0392	-0.0499	-0.0506	-0.0577	-0.0767	-0.0492	-0.0644	-0.0221
28	640	-0.0420	-0.0758	-0.0573	-0.0503	-0.0450	-0.0399	-0.0411	-0.0394	-0.0388	-0.0437	-0.0500	-0.0549	-0.0630	-0.0825	-0.0553	-0.0709	-0.0289
29	682	-0.0335	-0.0674	-0.0504	-0.0422	-0.0365	-0.0330	-0.0335	-0.0329	-0.0327	-0.0386	-0.0493	-0.0505	-0.0582	-0.0788	-0.0492	-0.0671	-0.0250
29	685	-0.0376	-0.0716	-0.0544	-0.0471	-0.0407	-0.0366	-0.0369	-0.0351	-0.0348	-0.0408	-0.0518	-0.0540	-0.0627	-0.0837	-0.0529	-0.0716	-0.0302
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP56	CP60	CP61			
6	81	-0.0395	-0.0330	-0.0258	-0.0228	-0.0217	0.0410	-0.0092	-0.0516	-0.0537	0.0039	0.0345	-0.0929	0.0054	-0.0565			
6	78	-0.0475	-0.0364	-0.0213	-0.0397	-0.0253	0.0294	0.0025	0.0016	-0.0039	-0.0022	0.0232	-0.0199	0.0124	-0.0044			
9	143	-0.0726	-0.0512	-0.0290	0.0063	-0.0431	-0.0023	-0.0137	-0.0122	-0.0183	-0.0127	-0.0090		-0.0112	-0.0177			
9	146	-0.0287	-0.0723	-0.0314	0.0137	-0.0637	-0.0291	-0.0298	-0.0286	-0.0273	-0.0289	-0.0276		-0.0257	-0.0341			
9	149	0.0270	-0.0984	-0.0327	0.0172	-0.0914	-0.0350	-0.0410	-0.0366	-0.0391	-0.0401	-0.0420		-0.0399	-0.0452			
26	509	0.0625	-0.0823	-0.0389	0.0347	-0.0725	-0.0828	-0.0876	-0.0778	-0.0878	-0.0833	-0.0911		-0.0821	-0.0902			
26	506	0.0430	-0.0453	-0.0446	0.0095	-0.0334	-0.0793	-0.0783	-0.0743	-0.0826	-0.0806	-0.0901		-0.0839	-0.0917			
26	503	0.0496	0.0214	-0.0403	0.0125	0.0342	-0.0848	-0.0831	-0.0770	-0.0787	-0.0789	-0.0909		-0.0781	-0.0828			
27	559	0.0485	0.0504	-0.0428	0.0111	0.0646	-0.0889	-0.0886	-0.0848	-0.0915	-0.0874	-0.0982		-0.0864	-0.0948			
27	562	0.0447	0.0688	-0.0514	0.0075	0.0833	-0.1132	-0.1156	-0.1050	-0.1186	-0.1141	-0.1235		-0.1117	-0.1194			
27	565	0.0427	0.0731	-0.0514	0.0052	0.0878	-0.1158	-0.1153	-0.1100	-0.1170	-0.1134	-0.1231		-0.1178	-0.1241			
27	568	0.0410	0.0806	-0.0520	0.0055	0.0948	-0.1270	-0.1286	-0.1236	-0.1292	-0.1254	-0.1341		-0.1277	-0.1350			
28	634	0.0334	0.0655	-0.0586	-0.0071	0.0744	-0.1443	-0.1487	-0.1426	-0.1461	-0.1503	-0.1523		-0.1455	-0.1513			
25	458	0.0390	0.0670	-0.0532	-0.0018	0.0741	-0.1420	-0.1468	-0.1425	-0.1394	-0.1441	-0.1478		-0.1415	-0.1458			
28	637	0.0305	0.0574	-0.0565	-0.0064	0.0655	-0.1527	-0.1555	-0.1514	-0.1526	-0.1543	-0.1578		-0.1459	-0.1502			
28	640	0.0221	0.0423	-0.0611	-0.0129	0.0507	-0.1602	-0.1646	-0.1570	-0.1561	-0.1578	-0.1634		-0.1610	-0.1659			
29	682	0.0195	0.0324	-0.0573	-0.0096	0.0408	-0.1641	-0.1637	-0.1585	-0.1634	-0.1686	-0.1726		-0.1588	-0.1629			
29	685	0.0134	0.0245	-0.0618	-0.0149	0.0333	-0.1688	-0.1710	-0.1661	-0.1646	-0.1647	-0.1708		-0.1664	-0.1722			

Table 4. Continued

Run	Point	CP62	CP63	CP64	CP65	CP66	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
6	81	-0.0986	-0.0836															
6	78	-0.0220	-0.0231	-0.0273	-0.0084	-0.0195	-0.0311	0.0752										
9	143	-0.0367	-0.0449	-0.0490	-0.0727	-0.0827	0.0030	0.0343	0.0472	0.0539	0.0673	0.2838						
9	146	-0.0440	-0.0421	-0.0546	-0.0758	-0.0724	-0.0464	-0.0229	0.0402	0.0790	0.1053	0.1702	0.2524					
9	149	-0.0458	-0.0497	-0.0654	-0.0698	-0.0676	-0.0448	-0.0136	0.0261	0.0450	0.0849	0.1502	0.2036	0.2648				
26	509	-0.0962	-0.0935	-0.1119	-0.1231	-0.0052	-0.0722	-0.0238	0.0498	0.0888	0.1226	0.2132	0.3040	0.3649	0.4629			
26	506	-0.0974	-0.0882	-0.0964	-0.1121	-0.0196	-0.1005	-0.0589	-0.0121	0.0423	0.0937	0.1713	0.2310	0.2993	0.3707	0.4326		
26	503	-0.0886	-0.0834	-0.1013	-0.1142	-0.0147	-0.0941	-0.0796	-0.0215	0.0242	0.0860	0.1635	0.2220	0.2874	0.3641	0.3869		
27	559	-0.1013	-0.0924	-0.1059	-0.1106	-0.0022	-0.1037	-0.0766	-0.0179	0.0217	0.0688	0.1513	0.2089	0.2756	0.3640	0.4023	0.4294	
27	562	-0.1254	-0.1164	-0.1266	-0.1398	-0.0126	-0.1114	-0.0974	-0.0454	0.0189	0.0644	0.1234	0.1809	0.2542	0.3373	0.3866	0.4274	0.5491
27	565	-0.1322	-0.1227	-0.1309	-0.1426	-0.0136	-0.1168	-0.0912	-0.0291	0.0147	0.0590	0.1120	0.1795	0.2361	0.3146	0.3668	0.4410	0.4801
27	568	-0.1410	-0.1309	-0.1424	-0.1542	-0.0117	-0.1255	-0.1006	-0.0451	0.0177	0.0649	0.1095	0.1700	0.2018	0.2625	0.2977	0.3811	0.4808
28	634	-0.1580	-0.1538	-0.1570	-0.1714	-0.0008	-0.1418	-0.1091	-0.0454	0.0022	0.0495	0.1034	0.1360	0.1688	0.2043	0.2244	0.2826	0.3730
25	458	-0.1493	-0.1484	-0.1580	-0.1611	-0.0263	-0.1480	-0.1107	-0.0437	0.0075	0.0475	0.1045	0.1362	0.1611	0.1896	0.2065	0.2503	0.3253
28	637	-0.1552	-0.1550	-0.1652	-0.1751	-0.0165	-0.1472	-0.1184	-0.0456	0.0061	0.0445	0.0855	0.1208	0.1421	0.1677	0.1735	0.2084	0.2675
28	640	-0.1686	-0.1655	-0.1731	-0.1898	-0.0715	-0.1601	-0.1141	-0.0525	-0.0003	0.0460	0.0809	0.1008	0.1251	0.1402	0.1335	0.1542	0.1916
29	682	-0.1655	-0.1633	-0.1797	-0.1848	-0.0508	-0.1597	-0.1181	-0.0432	0.0031	0.0410	0.0775	0.1004	0.1078	0.1153	0.0930	0.0939	0.1088
29	685	-0.1750	-0.1696	-0.1812	-0.1864	-0.0486	-0.1579	-0.1250	-0.0554	-0.0077	0.0252	0.0708	0.0960	0.1007	0.1063	0.0832	0.0853	0.0938
Run	Point	CP82	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90	CP91	CP92	CP93	CP94	CP95			
6	81						-0.0241	-0.0952	-0.0714	-0.0076								
6	78						-0.0028	-0.0017	-0.0075	-0.0414	-0.0328	-0.0592	-0.0133					
9	143	0.2925					-0.0235	-0.0178	-0.0259	-0.0438	-0.0405	-0.0518	-0.0267	0.0379	0.0964			
9	146	0.1496					-0.0388	-0.0331	-0.0386	-0.0521	-0.0482	-0.0625	-0.0477	0.0293	0.1280			
9	149	0.1596	0.2700				-0.0507	-0.0421	-0.0499	-0.0624	-0.0577	-0.0727	-0.0541	0.0144	0.0751			
26	509	0.2689	0.4145	0.4586			-0.0875	-0.0829	-0.0855	-0.1079	-0.1003	-0.1224	-0.0884	0.0498	0.1704			
26	506	0.1921	0.3267	0.3893	0.4290		-0.0862	-0.0740	-0.0842	-0.1058	-0.0912	-0.1074	-0.1006	-0.0316	0.0823			
26	503	0.1786	0.3211	0.3736	0.4002		-0.0851	-0.0759	-0.0788	-0.1055	-0.0916	-0.1157	-0.1141	-0.0291	0.0676			
27	559	0.1781	0.3200	0.3594	0.4016	0.4425	-0.0927	-0.0804	-0.0834	-0.1097	-0.0931	-0.1159	-0.1100	-0.0496	0.0675			
27	562	0.1889	0.3041	0.3427	0.4021	0.4748	-0.1158	-0.1044	-0.1085	-0.1344	-0.1194	-0.1458	-0.1314	-0.0474	0.0828			
27	565	0.1822	0.2833	0.3175	0.3694	0.4626	-0.1196	-0.1055	-0.1143	-0.1402	-0.1233	-0.1467	-0.1411	-0.0505	0.0792			
27	568	0.1943	0.2630	0.2781	0.3145	0.4102	-0.1362	-0.1207	-0.1268	-0.1492	-0.1327	-0.1566	-0.1446	-0.0345	0.0986			
28	634	0.1777	0.2140	0.2167	0.2327	0.3007	-0.1506	-0.1446	-0.1467	-0.1647	-0.1570	-0.1747	-0.1587	-0.0537	0.0865			
25	458	0.1806	0.2058	0.2020	0.2104	0.2695	-0.1518	-0.1465	-0.1500	-0.1626	-0.1579	-0.1722	-0.1468	-0.0342	0.0940			
28	637	0.1801	0.1941	0.1806	0.1735	0.2181	-0.1595	-0.1520	-0.1584	-0.1733	-0.1684	-0.1848	-0.1619	-0.0438	0.1056			
28	640	0.1720	0.1689	0.1458	0.1298	0.1567	-0.1663	-0.1618	-0.1651	-0.1802	-0.1763	-0.1938	-0.1664	-0.0620	0.1100			
29	682	0.1747	0.1501	0.1194	0.0870	0.0975	-0.1699	-0.1608	-0.1700	-0.1830	-0.1747	-0.1959	-0.1697	-0.0458	0.0920			
29	685	0.1716	0.1485	0.1130	0.0794	0.0852	-0.1744	-0.1672	-0.1706	-0.1847	-0.1799	-0.1972	-0.1798	-0.0489	0.1058			

Table 4. Continued

Run	Point	CP96	CP97	CP98	CP99	CP100	CP101	CP102	CP103	CP104	CP105	CP106	CP107	CP108	CP109	CP110	CP111	CP112
6	81						-0.1081	-0.0034										
6	78						-0.0214	-0.0345	-0.0674									
9	143	0.3079					-0.0275	-0.0369	-0.0516	0.1053								
9	146	0.1841	0.2307				-0.0409	-0.0501	-0.0592	0.1199								
9	149	0.1792	0.2446	0.2446			-0.0549	-0.0614	-0.0686	0.0856	0.2844							
26	509	0.2824	0.3459	0.3459	0.4653		-0.0948	-0.1045	-0.1170	0.1781	0.3892							
26	506	0.1969	0.2808	0.2808	0.3922	0.4388	-0.0939	-0.0971	-0.1096	0.0964	0.3310							
26	503	0.1797	0.2581	0.2581	0.3602	0.4283	-0.0966	-0.0995	-0.1085	0.0812	0.3180							
27	559	0.1841	0.2551	0.2551	0.3517	0.4248	-0.0993	-0.1038	-0.1082	0.0821	0.2991							
27	562	0.2106	0.2628	0.2628	0.3324	0.4140	-0.1254	-0.1273	-0.1323	0.1047	0.2819	0.5100						
27	565	0.2092	0.2602	0.2602	0.3144	0.3899	-0.1274	-0.1277	-0.1357	0.0881	0.2749	0.4555						
27	568	0.2089	0.2408	0.2408	0.2721	0.3355	-0.1409	-0.1384	-0.1567	0.1143	0.2433	0.4886	0.5227					
28	634	0.1921	0.2193	0.2193	0.2104	0.2442	-0.1562	-0.1537	-0.1737	0.1077	0.2009	0.3824	0.4683	0.4889				
25	458	0.1911	0.2123	0.2123	0.1974	0.2201	-0.1559	-0.1524	-0.1715	0.1146	0.2010	0.3412	0.4561	0.4993				
28	637	0.1944	0.1968	0.1968	0.1751	0.1898	-0.1609	-0.1604	-0.1763	0.1095	0.1850	0.2754	0.3735	0.4863				
28	640	0.1957	0.1837	0.1837	0.1439	0.1470	-0.1755	-0.1724	-0.1885	0.1125	0.1572	0.1887	0.2543	0.3509	0.5331			
29	682	0.1882	0.1836	0.1836	0.1156	0.1074	-0.1809	-0.1759	-0.1938	0.1102	0.1432	0.0995	0.1233	0.1588	0.3047	0.4300	0.4763	0.5096
29	685	0.1827	0.1723	0.1723	0.1092	0.0990	-0.1754	-0.1768	-0.1933	0.0974	0.1379	0.0807	0.0973	0.1243	0.2413	0.3511	0.4074	0.4666
Run	Point	CP113	CP114	CP115	CP116	CP117	CP118	CP119	CP120	CP121	CP122	CP123	CP124	CP125	CP126	CP127	CP128	CP129
6	81																	
6	78																	
9	143																	
9	146																	
9	149																	
26	509																	
26	506																	
26	503																	
27	559				0.4472												0.4264	
27	562				0.4812	0.5376											0.4526	
27	565				0.4678	0.4918											0.4623	
27	568				0.4111	0.5037	0.4783										0.4083	
28	634				0.2910	0.3856	0.4859	0.5369									0.3016	0.5042
25	458				0.2586	0.3414	0.4470	0.5295	0.6422								0.2621	0.5255
28	637				0.2159	0.2770	0.3657	0.4813	0.5445								0.2168	0.4879
28	640				0.1534	0.1913	0.2455	0.3405	0.4685	0.5235							0.1613	0.3458
29	682	0.5305	0.4779		0.0984	0.1108	0.1182	0.1502	0.2119	0.2905	0.4168	0.4730	0.5071	0.5252	0.4644		0.1040	0.1541
29	685	0.5051	0.5160	0.4830	0.0821	0.0872	0.0901	0.1145	0.1645	0.2290	0.3413	0.4016	0.4554	0.4942	0.5244	0.4694	0.0909	0.1204

Table 4. Continued

Run	Point	CP130	CP131	CP132	CP133	CP134	CP135	CP136	CP137	CP138	CP139	CP140	CP141	CP142	CP143	CP144	CP145	CP146
6	81																	0.2121
6	78																	0.2698
9	143																	0.3014
9	146																	0.3423
9	149																	0.3993
26	509																	0.4968
26	506																	0.4733
26	503																	0.4889
27	559																	0.4822
27	562																	0.5014
27	565																	0.5134
27	568				0.4902													0.5036
28	634				0.4608	0.4898												0.5059
25	458				0.4279	0.4980	0.4871	0.6309										0.5004
28	637				0.3470	0.4458	0.4706	0.4848	0.5047									0.5269
28	640				0.2419	0.3248	0.3741	0.4358	0.4744	0.4835	0.4929							0.5254
29	682	0.4243	0.5236	0.4979	0.1243	0.1545	0.1701	0.2086	0.2381	0.2889	0.3447	0.3888	0.4512	0.4683	0.4575	0.4738		0.5779
29	685	0.3344	0.4591	0.5100	0.1018	0.1233	0.1333	0.1647	0.1856	0.2279	0.2760	0.3132	0.3768	0.4242	0.4424	0.4501	0.4531	0.5681
Run	Point	CP147	CP148	CP149	CP150	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163
6	81	0.0818	0.0601	0.1188					-0.0359	-0.0357	-0.0371	-0.0453	-0.0434	-0.0398	-0.0427	-0.0474	-0.0522	-0.0545
6	78	0.1887	0.1681	0.2355					-0.0383	-0.0371	-0.0387	-0.0465	-0.0444	-0.0411	-0.0438	-0.0471	-0.0511	-0.0510
9	143	0.2661	0.2395	0.2830					-0.0466	-0.0456	-0.0461	-0.0520	-0.0516	-0.0491	-0.0509	-0.0543	-0.0580	-0.0589
9	146	0.3199	0.2925	0.3200					-0.0530	-0.0503	-0.0494	-0.0540	-0.0528	-0.0497	-0.0515	-0.0550	-0.0580	-0.0591
9	149	0.4077	0.3678	0.3795					-0.0630	-0.0564	-0.0531	-0.0569	-0.0547	-0.0511	-0.0525	-0.0561	-0.0582	-0.0589
26	509	0.5511		0.5050					-0.0995	-0.0850	-0.0774	-0.0751	-0.0649	-0.0575	-0.0599	-0.0641	-0.0687	-0.0676
26	506	0.5051		0.4504					-0.1124	-0.0961	-0.0874	-0.0839	-0.0737	-0.0660	-0.0679	-0.0729	-0.0763	-0.0762
26	503	0.5330		0.4747					-0.1266	-0.1073	-0.0932	-0.0865	-0.0732	-0.0634	-0.0630	-0.0663	-0.0684	-0.0645
27	559	0.5286		0.4855	0.4173				-0.1399	-0.1151	-0.0964	-0.0962	-0.0867	-0.0740	-0.0635	-0.0628	-0.0654	-0.0637
27	562	0.5617		0.5121	0.4338				-0.1493	-0.1530	-0.1281	-0.1190	-0.1051	-0.0898	-0.0777	-0.0742	-0.0751	-0.0720
27	565	0.5948		0.5305	0.4257				-0.1313	-0.1600	-0.1381	-0.1263	-0.1103	-0.0932	-0.0794	-0.0745	-0.0749	-0.0705
27	568	0.5713		0.5368	0.3866				-0.0380	-0.1393	-0.1650	-0.1526	-0.1280	-0.1054	-0.0883	-0.0804	-0.0779	-0.0736
28	634	0.5684		0.5383	0.2793	0.5072			0.0412	-0.0260	-0.1417	-0.1988	-0.1690	-0.1331	-0.1171	-0.1086	-0.1021	-0.0862
25	458	0.5747		0.5474	0.2478	0.5008			0.0613	0.0190	-0.0766	-0.1839	-0.1895	-0.1503	-0.1185	-0.1014	-0.0911	-0.0832
28	637	0.5993		0.5518	0.2039	0.4422			0.0671	0.0500	-0.0061	-0.1182	-0.1897	-0.1726	-0.1438	-0.1228	-0.1088	-0.0897
28	640	0.5975		0.5464	0.1482	0.3195			0.0583	0.0607	0.0467	-0.0043	-0.1029	-0.1985	-0.2039	-0.1731	-0.1436	-0.1104
29	682	0.6464		0.5538	0.0931	0.1443	0.3753	0.4926	0.0399	0.0482	0.0555	0.0572	0.0552	0.0298	-0.0490	-0.1685	-0.2098	-0.1757
29	685	0.6153		0.5451	0.0799	0.1137	0.3006	0.4577	0.0285	0.0359	0.0433	0.0472	0.0524	0.0450	-0.0008	-0.1048	-0.2062	-0.2053

Table 4. Concluded

Run	Point	CP164	CP165
6	81	-0.0396	-0.0537
6	78	-0.0409	-0.0509
9	143	-0.0485	-0.0600
9	146	-0.0510	-0.0593
9	149	-0.0529	-0.0587
26	509	-0.0725	0.0161
26	506	-0.0826	-0.0063
26	503	-0.0867	0.0043
27	559	-0.0915	-0.0772
27	562	-0.1175	-0.0873
27	565	-0.1266	-0.0862
27	568	-0.1570	-0.0874
28	634	-0.1839	-0.0992
25	458	-0.1405	-0.0863
28	637	-0.0553	-0.1003
28	640	0.0308	-0.1243
29	682	0.0593	-0.1822
29	685	0.0479	-0.2180



Table 5. Pressure Coefficients at  $M_\infty = 0.80$  for Cavity of  $w = 9.6$  in. and  $h = 2.4$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ , psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
6	66	0.80	3.77	9.29	14.17	4.17	103.8	2.00	1.1147	-0.3654	-0.2943	-0.2450	-0.2303	-0.1833	-0.0106	-0.0874	-0.0663	-0.0480
6	69	0.80	3.77	9.31	14.18	4.16	103.9	3.99	1.1147	-0.3611	-0.2927	-0.2423	-0.2272	-0.1795	0.0037	-0.0850	-0.0642	-0.0467
8	121	0.80	3.67	9.29	14.16	4.16	114.9	6.00	1.1105	-0.3532	-0.2958	-0.2415	-0.2326	-0.1827	-0.0582	-0.0838	-0.0617	-0.0463
8	124	0.80	3.69	9.29	14.17	4.17	112.7	7.00	1.1134	-0.3518	-0.2934	-0.2391	-0.2298	-0.1800	-0.0453	-0.0812	-0.0595	-0.0448
8	127	0.80	3.70	9.29	14.16	4.16	112.4	8.00	1.1137	-0.3520	-0.2939	-0.2400	-0.2310	-0.1805	-0.0450	-0.0823	-0.0603	-0.0449
26	491	0.80	3.77	9.30	14.18	4.17	104.2	9.00	1.1211	-0.3468	-0.2954	-0.2427	-0.2289	-0.1810	0.0104	-0.0839	-0.0661	-0.0463
26	494	0.80	3.77	9.30	14.18	4.17	104.6	9.58	1.1214	-0.3469	-0.2959	-0.2433	-0.2294	-0.1819	0.0078	-0.0849	-0.0671	-0.0466
26	497	0.80	3.77	9.30	14.18	4.17	104.6	10.00	1.1209	-0.3468	-0.2957	-0.2434	-0.2296	-0.1827	0.0049	-0.0860	-0.0675	-0.0477
27	544	0.80	3.68	9.30	14.19	4.18	115.9	10.42	1.1190	-0.3502	-0.2984	-0.2432	-0.2307	-0.1816	0.0153	-0.0827	-0.0609	-0.0444
27	547	0.80	3.67	9.30	14.19	4.17	116.1	11.00	1.1189	-0.3499	-0.2987	-0.2435	-0.2310	-0.1814	0.0113	-0.0835	-0.0617	-0.0454
27	550	0.80	3.67	9.31	14.19	4.17	116.2	11.25	1.1186	-0.3509	-0.2990	-0.2444	-0.2311	-0.1823	0.0074	-0.0839	-0.0624	-0.0458
27	553	0.80	3.67	9.31	14.19	4.17	116.7	11.67	1.1180	-0.3510	-0.2991	-0.2448	-0.2312	-0.1827	0.0030	-0.0846	-0.0632	-0.0469
27	556	0.80	3.66	9.31	14.19	4.17	117.2	12.00	1.1177	-0.3508	-0.2985	-0.2438	-0.2306	-0.1820	0.0096	-0.0836	-0.0628	-0.0462
28	625	0.80	3.66	9.31	14.17	4.16	116.4	13.00	1.1132	-0.3444	-0.2932	-0.2413	-0.2252	-0.1783	0.0549	-0.0811	-0.0607	-0.0431
25	455	0.80	3.78	9.31	14.18	4.16	102.2	13.40	1.1242	-0.3534	-0.2985	-0.2505	-0.2307	-0.1874	0.0021	-0.0910	-0.0714	-0.0533
28	628	0.80	3.67	9.31	14.17	4.16	115.9	14.00	1.1124	-0.3468	-0.2954	-0.2431	-0.2271	-0.1797	0.0413	-0.0829	-0.0625	-0.0452
28	631	0.80	3.67	9.34	14.17	4.14	115.0	14.96	1.1100	-0.3433	-0.2929	-0.2417	-0.2259	-0.1795	-0.0039	-0.0832	-0.0631	-0.0454
29	676	0.80	3.75	9.30	14.18	4.17	106.2	17.00	1.1267	-0.3495	-0.3006	-0.2495	-0.2326	-0.1864	-0.0348	-0.0886	-0.0685	-0.0507
29	679	0.80	3.75	9.30	14.18	4.17	105.9	17.50	1.1258	-0.3506	-0.3013	-0.2502	-0.2330	-0.1868	-0.0202	-0.0894	-0.0692	-0.0518

Table 5. Continued

Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
6	66	-0.0434	-0.0394	1.1478	0.0979	0.0608	0.0350	0.0872	0.0370	-0.0102	0.1483	0.1296	0.1146	0.0895	0.0458	0.0443	0.0084	-0.0523
6	69	-0.0423	-0.0387	1.1474	0.0965	0.0605	0.0358	0.0866	0.0389	0.0049	0.1491	0.1301	0.1141	0.0893	0.0455	0.0443	0.0081	-0.0508
8	121	-0.0418	-0.0430	1.1492	0.0944	0.0628	0.0319	0.1220	0.0393	-0.0551	0.1505	0.1298	0.1174	0.0856	0.0451	0.0466	0.0180	-0.0542
8	124	-0.0407	-0.0409	1.1516	0.0965	0.0641	0.0340	0.1236	0.0421	-0.0418	0.1525	0.1319	0.1194	0.0880	0.0475	0.0488	0.0205	-0.0516
8	127	-0.0403	-0.0416	1.1519	0.0965	0.0642	0.0340	0.1237	0.0418	-0.0418	0.1522	0.1319	0.1192	0.0877	0.0472	0.0484	0.0198	-0.0520
26	491	-0.0422	-0.0399	1.1462	0.0957	0.0636	0.0364	0.1002	0.0391	0.0121	0.1512	0.1300	0.1127	0.0880	0.0440	0.0449	0.0113	-0.0515
26	494	-0.0425	-0.0396	1.1461	0.0964	0.0632	0.0360	0.0980	0.0387	0.0091	0.1504	0.1306	0.1122	0.0883	0.0443	0.0445	0.0105	-0.0518
26	497	-0.0429	-0.0396	1.1457	0.0953	0.0625	0.0357	0.0971	0.0384	0.0066	0.1498	0.1300	0.1119	0.0873	0.0437	0.0438	0.0094	-0.0526
27	544	-0.0402	-0.0391	1.1483	0.1002	0.0685	0.0378	0.1246	0.0417	0.0174	0.1544	0.1314	0.1160	0.0888	0.0463	0.0471	0.0155	-0.0507
27	547	-0.0410	-0.0395	1.1490	0.1003	0.0682	0.0375	0.1234	0.0418	0.0123	0.1535	0.1327	0.1158	0.0889	0.0464	0.0471	0.0152	-0.0508
27	550	-0.0418	-0.0402	1.1481	0.0993	0.0683	0.0376	0.1208	0.0411	0.0094	0.1532	0.1310	0.1152	0.0883	0.0458	0.0468	0.0148	-0.0511
27	553	-0.0425	-0.0406	1.1470	0.0986	0.0669	0.0369	0.1195	0.0404	0.0046	0.1526	0.1303	0.1149	0.0879	0.0451	0.0461	0.0137	-0.0519
27	556	-0.0421	-0.0406	1.1475	0.0990	0.0677	0.0376	0.1199	0.0408	0.0116	0.1530	0.1307	0.1153	0.0883	0.0458	0.0465	0.0145	-0.0508
28	625	-0.0380	-0.0350	1.1428	0.1013	0.0687	0.0413	0.1094	0.0425	0.0552	0.1536	0.1334	0.1165	0.0928	0.0492	0.0487	0.0145	-0.0398
25	455	-0.0467	-0.0417	1.1409	0.0950	0.0581	0.0359	0.0604	0.0346	0.0027	0.1458	0.1281	0.1068	0.0884	0.0408	0.0383	-0.0031	-0.0528
28	628	-0.0402	-0.0375	1.1421	0.1002	0.0673	0.0402	0.1063	0.0414	0.0420	0.1522	0.1327	0.1151	0.0917	0.0481	0.0473	0.0126	-0.0460
28	631	-0.0396	-0.0372	1.1407	0.0997	0.0671	0.0402	0.1053	0.0411	-0.0037	0.1513	0.1317	0.1140	0.0909	0.0478	0.0473	0.0128	-0.0450
29	676	-0.0454	-0.0421	1.1463	0.0978	0.0627	0.0364	0.0902	0.0370	-0.0336	0.1493	0.1302	0.1101	0.0874	0.0425	0.0411	0.0043	-0.0535
29	679	-0.0465	-0.0428	1.1440	0.0978	0.0628	0.0364	0.0878	0.0363	-0.0188	0.1486	0.1295	0.1098	0.0871	0.0418	0.0408	0.0032	-0.0539

Table 5. Continued

Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
6	66	-0.0644	-0.0745	-0.0339	-0.0197	-0.0106	-0.0092	-0.0099	-0.0072	-0.0047	-0.0093	-0.0116	-0.0102	0.0011	0.0132	-0.0017	-0.0239	-0.0197
6	69	-0.0629	-0.0727	-0.0326	-0.0183	-0.0091	-0.0074	-0.0079	-0.0053	-0.0021	-0.0049	-0.0054	-0.0064	0.0055	0.0158	0.0038	0.0023	-0.0394
8	121	-0.0528	-0.0756	-0.0352	-0.0182	-0.0057	-0.0052	-0.0124	-0.0077	-0.0016	-0.0102	-0.0077	-0.0151	0.0007	0.0073	0.0013	-0.0078	0.0272
8	124	-0.0506	-0.0725	-0.0326	-0.0163	-0.0037	-0.0025	-0.0098	-0.0068	-0.0009	-0.0088	-0.0099	-0.0142	0.0007	0.0094	0.0020	-0.0099	0.0323
8	127	-0.0502	-0.0726	-0.0329	-0.0165	-0.0036	-0.0030	-0.0098	-0.0060	-0.0011	-0.0102	-0.0131	-0.0174	-0.0033	0.0002	-0.0018	-0.0163	0.0200
26	491	-0.0597	-0.0711	-0.0309	-0.0190	-0.0089	-0.0072	-0.0106	-0.0059	-0.0030	-0.0077	-0.0146	-0.0151	-0.0087	-0.0057	-0.0076	-0.0211	0.0119
26	494	-0.0604	-0.0715	-0.0311	-0.0193	-0.0095	-0.0075	-0.0103	-0.0056	-0.0042	-0.0097	-0.0161	-0.0151	-0.0096	-0.0104	-0.0084	-0.0244	0.0017
26	497	-0.0612	-0.0722	-0.0314	-0.0201	-0.0105	-0.0085	-0.0113	-0.0076	-0.0066	-0.0120	-0.0171	-0.0170	-0.0119	-0.0127	-0.0110	-0.0272	-0.0056
27	544	-0.0548	-0.0693	-0.0328	-0.0209	-0.0093	-0.0082	-0.0133	-0.0080	-0.0055	-0.0123	-0.0186	-0.0225	-0.0156	-0.0162	-0.0135	-0.0341	-0.0047
27	547	-0.0552	-0.0693	-0.0333	-0.0207	-0.0091	-0.0081	-0.0135	-0.0090	-0.0076	-0.0150	-0.0215	-0.0246	-0.0189	-0.0234	-0.0168	-0.0403	-0.0077
27	550	-0.0556	-0.0697	-0.0340	-0.0222	-0.0107	-0.0093	-0.0142	-0.0093	-0.0079	-0.0153	-0.0216	-0.0263	-0.0214	-0.0256	-0.0184	-0.0426	-0.0110
27	553	-0.0568	-0.0705	-0.0345	-0.0222	-0.0107	-0.0100	-0.0152	-0.0111	-0.0098	-0.0173	-0.0237	-0.0274	-0.0231	-0.0303	-0.0205	-0.0464	-0.0133
27	556	-0.0557	-0.0698	-0.0342	-0.0220	-0.0109	-0.0098	-0.0149	-0.0106	-0.0098	-0.0176	-0.0235	-0.0288	-0.0256	-0.0343	-0.0224	-0.0494	-0.0145
28	625	-0.0525	-0.0608	-0.0290	-0.0185	-0.0096	-0.0067	-0.0094	-0.0054	-0.0051	-0.0115	-0.0190	-0.0222	-0.0230	-0.0352	-0.0198	-0.0439	-0.0064
25	455	-0.0741	-0.0739	-0.0336	-0.0256	-0.0203	-0.0160	-0.0142	-0.0137	-0.0140	-0.0187	-0.0303	-0.0272	-0.0355	-0.0528	-0.0341	-0.0565	-0.0236
28	628	-0.0543	-0.0623	-0.0309	-0.0205	-0.0112	-0.0086	-0.0108	-0.0078	-0.0075	-0.0138	-0.0220	-0.0259	-0.0286	-0.0432	-0.0245	-0.0512	-0.0117
28	631	-0.0531	-0.0618	-0.0309	-0.0208	-0.0118	-0.0089	-0.0116	-0.0085	-0.0086	-0.0150	-0.0237	-0.0277	-0.0306	-0.0469	-0.0266	-0.0552	-0.0134
29	676	-0.0666	-0.0718	-0.0348	-0.0255	-0.0179	-0.0154	-0.0171	-0.0155	-0.0156	-0.0229	-0.0322	-0.0363	-0.0431	-0.0632	-0.0398	-0.0722	-0.0329
29	679	-0.0666	-0.0718	-0.0350	-0.0260	-0.0188	-0.0161	-0.0177	-0.0163	-0.0164	-0.0234	-0.0325	-0.0353	-0.0432	-0.0639	-0.0399	-0.0727	-0.0339

Table 5. Continued

Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP56	CP60	CP61
6	66	-0.0395	-0.0337	-0.0137	-0.0180	-0.0218	0.0363	0.0062	-0.0173	-0.0303	0.0030	0.0307	-0.0893	0.0071	-0.0431
6	69	-0.0496	-0.0365	-0.0077	-0.0459	-0.0255	0.0374	0.0190	0.0284	0.0174	0.0261	0.0334	-0.0124	0.0226	0.0036
8	121	-0.1095	-0.0579	-0.0205	0.0296	-0.0374	0.0080	0.0012	0.0113	0.0021	0.0114	-0.0010		0.0068	-0.0073
8	124	-0.0451	-0.0855	-0.0203	0.0429	-0.0657	-0.0082	-0.0096	0.0003	-0.0112	-0.0060	-0.0189		-0.0108	-0.0239
8	127	0.0270	-0.1226	-0.0239	0.0327	-0.1038	-0.0196	-0.0198	-0.0097	-0.0219	-0.0173	-0.0299		-0.0224	-0.0333
26	491	0.0605	-0.0971	-0.0223	0.0268	-0.0842	-0.0380	-0.0379	-0.0334	-0.0393	-0.0400	-0.0478		-0.0328	-0.0423
26	494	0.0535	-0.0128	-0.0235	0.0140	-0.0004	-0.0396	-0.0416	-0.0301	-0.0401	-0.0393	-0.0480		-0.0401	-0.0493
26	497	0.0391	0.0286	-0.0251	0.0040	0.0414	-0.0363	-0.0429	-0.0276	-0.0346	-0.0309	-0.0406		-0.0403	-0.0505
27	544	0.0445	0.0654	-0.0314	0.0074	0.0824	-0.0541	-0.0576	-0.0449	-0.0563	-0.0548	-0.0662		-0.0546	-0.0660
27	547	0.0463	0.0977	-0.0344	0.0045	0.1149	-0.0707	-0.0748	-0.0592	-0.0693	-0.0713	-0.0806		-0.0668	-0.0810
27	550	0.0402	0.0999	-0.0360	0.0008	0.1173	-0.0756	-0.0781	-0.0676	-0.0755	-0.0738	-0.0852		-0.0733	-0.0844
27	553	0.0403	0.1068	-0.0375	-0.0013	0.1234	-0.0876	-0.0880	-0.0805	-0.0865	-0.0821	-0.0945		-0.0823	-0.0937
27	556	0.0417	0.1110	-0.0398	-0.0020	0.1275	-0.0956	-0.0966	-0.0838	-0.0949	-0.0940	-0.1052		-0.0924	-0.1027
28	625	0.0586	0.1211	-0.0310	0.0086	0.1333	-0.1028	-0.1049	-0.0942	-0.1037	-0.1037	-0.1103		-0.0986	-0.1061
25	455	0.0544	0.1019	-0.0394	-0.0068	0.1066	-0.1245	-0.1248	-0.1195	-0.1244	-0.1263	-0.1270		-0.1236	-0.1274
28	628	0.0514	0.1048	-0.0359	0.0042	0.1170	-0.1201	-0.1206	-0.1118	-0.1225	-0.1217	-0.1280		-0.1156	-0.1216
28	631	0.0468	0.0906	-0.0378	0.0024	0.1027	-0.1292	-0.1317	-0.1223	-0.1280	-0.1289	-0.1347		-0.1256	-0.1329
29	676	0.0268	0.0515	-0.0490	-0.0168	0.0607	-0.1554	-0.1574	-0.1481	-0.1551	-0.1551	-0.1608		-0.1542	-0.1611
29	679	0.0250	0.0470	-0.0492	-0.0174	0.0560	-0.1566	-0.1586	-0.1506	-0.1589	-0.1585	-0.1631		-0.1557	-0.1620

Table 5. Continued

Run	Point	CP62	CP63	CP64	CP65	CP66	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
6	66	-0.0955	-0.0803															
6	69	-0.0153	-0.0110	-0.0013	-0.0003	-0.0210	-0.0165	0.0757										
8	121	-0.0300	-0.0249	-0.0447	-0.0595	-0.1484	-0.0022	0.0242	0.0885	0.0891	0.1041	0.3441						
8	124	-0.0422	-0.0261	-0.0557	-0.0404	-0.1227	-0.0107	-0.0049	0.0508	0.0587	0.0977	0.1660	0.2773					
8	127	-0.0466	-0.0293	-0.0499	-0.0743	-0.1238	-0.0396	-0.0283	0.0300	0.0441	0.0962	0.1499	0.2047	0.2692				
26	491	-0.0502	-0.0380	-0.0568	-0.0700	-0.0192	-0.0623	-0.0462	0.0022	0.0296	0.0657	0.1312	0.1930	0.2531	0.3290			
26	494	-0.0577	-0.0475	-0.0563	-0.0679	-0.0249	-0.0605	-0.0569	-0.0136	0.0082	0.0435	0.1130	0.1772	0.2336	0.3062	0.3320		
26	497	-0.0574	-0.0445	-0.0561	-0.0610	-0.0276	-0.0559	-0.0552	-0.0201	-0.0092	0.0281	0.0904	0.1460	0.2005	0.2746	0.2912		
27	544	-0.0751	-0.0598	-0.0690	-0.0777	-0.0194	-0.0739	-0.0730	-0.0281	-0.0067	0.0379	0.1067	0.1746	0.2301	0.3131	0.3406	0.3900	
27	547	-0.0884	-0.0717	-0.0844	-0.0925	-0.0249	-0.0821	-0.0865	-0.0349	-0.0142	0.0266	0.0960	0.1633	0.2254	0.3121	0.3557	0.4056	0.5366
27	550	-0.0914	-0.0758	-0.0851	-0.0946	-0.0281	-0.0870	-0.0883	-0.0466	-0.0208	0.0262	0.0945	0.1551	0.2155	0.3068	0.3501	0.3987	0.4373
27	553	-0.1023	-0.0887	-0.0964	-0.1054	-0.0350	-0.0903	-0.0910	-0.0495	-0.0253	0.0175	0.0935	0.1527	0.2086	0.2961	0.3305	0.3990	0.4449
27	556	-0.1104	-0.0951	-0.1068	-0.1122	-0.0249	-0.0999	-0.1021	-0.0544	-0.0302	0.0194	0.0917	0.1556	0.2041	0.2869	0.3202	0.3963	0.4531
28	625	-0.1114	-0.1023	-0.1141	-0.1209	0.0381	-0.1086	-0.1051	-0.0541	-0.0141	0.0333	0.1027	0.1507	0.1891	0.2516	0.2783	0.3422	0.4306
25	455	-0.1288	-0.1277	-0.1338	-0.1397	-0.0151	-0.1342	-0.1149	-0.0745	-0.0312	0.0158	0.0899	0.1374	0.1770	0.2195	0.2488	0.3020	0.3771
28	628	-0.1283	-0.1206	-0.1297	-0.1419	0.0219	-0.1253	-0.1152	-0.0549	-0.0151	0.0352	0.0895	0.1345	0.1717	0.2157	0.2209	0.2629	0.3333
28	631	-0.1402	-0.1319	-0.1392	-0.1472	-0.0396	-0.1313	-0.1150	-0.0546	-0.0148	0.0320	0.0920	0.1294	0.1539	0.1877	0.1812	0.2070	0.2561
29	676	-0.1647	-0.1587	-0.1662	-0.1736	-0.0840	-0.1557	-0.1347	-0.0786	-0.0325	0.0209	0.0759	0.1082	0.1187	0.1334	0.1116	0.1138	0.1306
29	679	-0.1661	-0.1609	-0.1679	-0.1754	-0.0572	-0.1579	-0.1356	-0.0738	-0.0313	0.0154	0.0711	0.1047	0.1186	0.1305	0.1054	0.1038	0.1150

Table 5. Continued

Run	Point	CP82	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90	CP91	CP92	CP93	CP94	CP95
6	66						-0.0173	-0.0658	-0.0617	0.0038					
6	69						0.0095	0.0155	0.0029	-0.0298	-0.0187	-0.0411	-0.0038		
8	121	0.3403					-0.0080	0.0129	0.0035	-0.0445	-0.0137	-0.0468	-0.0279	0.0559	0.1191
8	124	0.1879					-0.0198	0.0035	-0.0056	-0.0502	-0.0189	-0.0484	-0.0288	0.0469	0.1321
8	127	0.1624	0.2856				-0.0314	-0.0069	-0.0154	-0.0569	-0.0249	-0.0634	-0.0594	0.0104	0.0749
26	491	0.1450	0.3197	0.3457			-0.0457	-0.0310	-0.0356	-0.0621	-0.0425	-0.0701	-0.0825	-0.0175	0.0727
26	494	0.1107	0.2598	0.3125	0.3154		-0.0438	-0.0352	-0.0374	-0.0619	-0.0444	-0.0690	-0.0830	-0.0461	0.0318
26	497	0.0804	0.2219	0.2682	0.2715		-0.0479	-0.0373	-0.0406	-0.0629	-0.0432	-0.0650	-0.0743	-0.0466	0.0001
27	544	0.1037	0.2649	0.3205	0.3517	0.3694	-0.0588	-0.0430	-0.0490	-0.0780	-0.0508	-0.0742	-0.0920	-0.0555	-0.0028
27	547	0.1088	0.2759	0.3213	0.3628	0.4181	-0.0790	-0.0626	-0.0673	-0.0950	-0.0670	-0.0932	-0.1032	-0.0621	0.0069
27	550	0.0983	0.2673	0.3116	0.3460	0.4030	-0.0770	-0.0656	-0.0672	-0.0972	-0.0714	-0.0957	-0.1058	-0.0668	-0.0062
27	553	0.1004	0.2619	0.3046	0.3440	0.4047	-0.0903	-0.0738	-0.0810	-0.1098	-0.0834	-0.1088	-0.1164	-0.0672	-0.0006
27	556	0.1037	0.2656	0.2991	0.3351	0.4024	-0.0975	-0.0823	-0.0883	-0.1159	-0.0896	-0.1152	-0.1243	-0.0720	-0.0003
28	625	0.1367	0.2588	0.2738	0.2954	0.3558	-0.1062	-0.0937	-0.0982	-0.1204	-0.1048	-0.1286	-0.1310	-0.0649	0.0313
25	455	0.1285	0.2336	0.2443	0.2612	0.3121	-0.1276	-0.1271	-0.1277	-0.1360	-0.1356	-0.1478	-0.1444	-0.0868	0.0191
28	628	0.1487	0.2399	0.2338	0.2337	0.2757	-0.1226	-0.1108	-0.1155	-0.1375	-0.1223	-0.1447	-0.1454	-0.0712	0.0366
28	631	0.1523	0.2217	0.2054	0.1888	0.2158	-0.1351	-0.1222	-0.1280	-0.1482	-0.1329	-0.1546	-0.1508	-0.0752	0.0431
29	676	0.1387	0.1825	0.1519	0.1199	0.1235	-0.1624	-0.1527	-0.1578	-0.1750	-0.1629	-0.1797	-0.1712	-0.0852	0.0412
29	679	0.1411	0.1801	0.1471	0.1114	0.1115	-0.1616	-0.1538	-0.1566	-0.1749	-0.1645	-0.1808	-0.1763	-0.0887	0.0347

Table 5. Continued

Run	Point	CP96	CP97	CP98	CP99	CP100	CP101	CP102	CP103	CP104	CP105	CP106	CP107	CP108	CP109	CP110	CP111	CP112
6	66						-0.0925	0.0049										
6	69						-0.0025	-0.0196	-0.0321									
8	121	0.3750					-0.0215	-0.0410	-0.0287	0.1443								
8	124	0.2269	0.3091				-0.0298	-0.0479	-0.0480	0.1385								
8	127	0.1776	0.2503	0.2503			-0.0396	-0.0538	-0.0516	0.0980	0.2772							
26	491	0.1705	0.2437	0.2437	0.3329		-0.0485	-0.0538	-0.0605	0.0806	0.2891							
26	494	0.1266	0.2054	0.2054	0.3227	0.3318	-0.0548	-0.0577	-0.0620	0.0351	0.2631							
26	497	0.0767	0.1564	0.1564	0.2688	0.3127	-0.0543	-0.0588	-0.0574	0.0064	0.2183							
27	544	0.1064	0.1964	0.1964	0.3134	0.3908	-0.0695	-0.0729	-0.0697	0.0167	0.2579							
27	547	0.1240	0.2081	0.2081	0.3167	0.3857	-0.0898	-0.0890	-0.0873	0.0256	0.2630	0.4844						
27	550	0.0889	0.1859	0.1859	0.3063	0.3768	-0.0878	-0.0892	-0.0870	0.0050	0.2529	0.4004						
27	553	0.1107	0.1922	0.1922	0.2981	0.3639	-0.1025	-0.1009	-0.0988	0.0084	0.2484	0.4282						
27	556	0.1131	0.2025	0.2025	0.2910	0.3548	-0.1086	-0.1096	-0.1076	0.0097	0.2514	0.4474	0.4593					
28	625	0.1501	0.2181	0.2181	0.2653	0.3074	-0.1189	-0.1124	-0.1204	0.0437	0.2458	0.4234	0.4801	0.4878				
25	455	0.1325	0.2049	0.2049	0.2448	0.2694	-0.1356	-0.1309	-0.1430	0.0237	0.2325	0.3832	0.4731	0.5271				
28	628	0.1560	0.2181	0.2181	0.2280	0.2495	-0.1341	-0.1283	-0.1381	0.0475	0.2252	0.3260	0.4218	0.5123				
28	631	0.1646	0.2172	0.2172	0.1976	0.2072	-0.1439	-0.1402	-0.1472	0.0568	0.2133	0.2467	0.3147	0.4114	0.5466			
29	676	0.1537	0.1908	0.1908	0.1468	0.1369	-0.1672	-0.1653	-0.1759	0.0461	0.1744	0.1206	0.1435	0.1834	0.3489	0.4775	0.5112	0.5308
29	679	0.1531	0.1943	0.1943	0.1432	0.1293	-0.1729	-0.1665	-0.1781	0.0479	0.1741	0.1039	0.1194	0.1492	0.2835	0.4004	0.4545	0.5051

Table 5. Continued

Run	Point	CP113	CP114	CP115	CP116	CP117	CP118	CP119	CP120	CP121	CP122	CP123	CP124	CP125	CP126	CP127	CP128	CP129
6	66																	
6	69																	
8	121																	
8	124																	
8	127																	
26	491																	
26	494																	
26	497																	
27	544				0.3773												0.3421	
27	547				0.4340	0.5072											0.4229	
27	550				0.4128	0.4137											0.3922	
27	553				0.3961	0.4570											0.3923	
27	556				0.4022	0.4754	0.4560										0.3963	
28	625				0.3482	0.4293	0.4811	0.5084									0.3480	0.5299
25	455				0.3143	0.3879	0.4722	0.5268	0.6379								0.3107	0.5257
28	628				0.2706	0.3392	0.4164	0.5117	0.5511								0.2717	0.5197
28	631				0.2108	0.2555	0.3121	0.4080	0.5144	0.5521							0.2122	0.4165
29	676	0.5482	0.5075		0.1196	0.1285	0.1393	0.1797	0.2524	0.3387	0.4648	0.5102	0.5364	0.5449	0.4998		0.1226	0.1884
29	679	0.5421	0.5515	0.4968	0.1077	0.1130	0.1166	0.1474	0.2050	0.2747	0.3933	0.4481	0.4962	0.5274	0.5484	0.4884	0.1098	0.1542



Table 5. Continued

Run	Point	CP130	CP131	CP132	CP133	CP134	CP135	CP136	CP137	CP138	CP139	CP140	CP141	CP142	CP143	CP144	CP145	CP146
6	66																	0.1986
6	69																	0.2836
8	121																	0.3271
8	124																	0.3898
8	127																	0.4111
26	491																	0.5301
26	494																	0.4931
26	497																	0.4346
27	544																	0.4963
27	547																	0.4998
27	550																	0.4896
27	553																	0.4994
27	556				0.4710													0.5154
28	625				0.4892	0.5073												0.5470
25	455				0.4614	0.5033	0.5011	0.6527										0.5343
28	628				0.4086	0.4977	0.5076	0.5193	0.5300									0.5596
28	631				0.3105	0.3987	0.4359	0.4961	0.5103	0.5320	0.5334							0.5778
29	676	0.4668	0.5434	0.5096	0.1488	0.1863	0.2045	0.2495	0.2791	0.3341	0.3919	0.4308	0.4839	0.4966	0.4889	0.4974		0.5872
29	679	0.3904	0.5049	0.5549	0.1262	0.1543	0.1655	0.2030	0.2271	0.2750	0.3290	0.3664	0.4284	0.4668	0.4732	0.4949	0.4872	0.6083

Table 5. Continued

Run	Point	CP147	CP148	CP149	CP150	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163
6	66	0.0578	0.0433	0.1177					-0.0431	-0.0438	-0.0485	-0.0609	-0.0625	-0.0623	-0.0719	-0.0829	-0.0963	-0.1075
6	69	0.1956	0.1805	0.2402					-0.0434	-0.0442	-0.0491	-0.0610	-0.0623	-0.0623	-0.0714	-0.0813	-0.0938	-0.1037
8	121	0.2885	0.2853	0.3128					-0.0569	-0.0538	-0.0607	-0.0756	-0.0756	-0.0684	-0.0800	-0.0911	-0.1023	-0.1060
8	124	0.3797	0.3600	0.3761					-0.0628	-0.0574	-0.0617	-0.0759	-0.0754	-0.0673	-0.0784	-0.0888	-0.1001	-0.1037
8	127	0.4003	0.3780	0.3854					-0.0770	-0.0664	-0.0685	-0.0797	-0.0775	-0.0693	-0.0798	-0.0905	-0.1019	-0.1055
26	491	0.5278		0.4704					-0.1091	-0.0922	-0.0864	-0.0879	-0.0801	-0.0769	-0.0865	-0.0994	-0.1133	-0.1259
26	494	0.4984		0.4437					-0.1297	-0.1068	-0.0963	-0.0941	-0.0840	-0.0793	-0.0868	-0.0983	-0.1113	-0.1222
26	497	0.4302		0.3849					-0.1388	-0.1161	-0.1025	-0.0982	-0.0863	-0.0806	-0.0879	-0.0989	-0.1112	-0.1209
27	544	0.5036		0.4445	0.3699				-0.1700	-0.1359	-0.1158	-0.1210	-0.1115	-0.1006	-0.0932	-0.0985	-0.1110	-0.1190
27	547	0.5254		0.4749	0.4012				-0.1827	-0.1802	-0.1486	-0.1427	-0.1270	-0.1119	-0.1012	-0.1035	-0.1137	-0.1202
27	550	0.5158		0.4655	0.3968				-0.1536	-0.1923	-0.1625	-0.1524	-0.1339	-0.1173	-0.1048	-0.1053	-0.1147	-0.1204
27	553	0.5295		0.4862	0.3982				-0.0930	-0.2044	-0.1915	-0.1743	-0.1492	-0.1284	-0.1129	-0.1111	-0.1183	-0.1222
27	556	0.5555		0.5067	0.3894				-0.0298	-0.1818	-0.2177	-0.2008	-0.1685	-0.1424	-0.1234	-0.1180	-0.1226	-0.1242
28	625	0.5983		0.5534	0.3378	0.5124			0.1003	0.0212	-0.1410	-0.2287	-0.1841	-0.1329	-0.1103	-0.0987	-0.0916	-0.0715
25	455	0.6094		0.5672	0.2979	0.5040			0.1041	0.0527	-0.0809	-0.2612	-0.2698	-0.2138	-0.1711	-0.1491	-0.1399	-0.1392
28	628	0.6170		0.5652	0.2576	0.4888			0.1238	0.1094	0.0419	-0.1151	-0.2313	-0.2038	-0.1637	-0.1327	-0.1142	-0.0856
28	631	0.6293		0.5780	0.2042	0.3858			0.1165	0.1244	0.1104	0.0483	-0.0846	-0.2281	-0.2375	-0.1972	-0.1583	-0.1146
29	676	0.6490		0.5734	0.1132	0.1737	0.4208	0.5232	0.0590	0.0709	0.0822	0.0872	0.0887	0.0597	-0.0505	-0.2674	-0.3727	-0.3173
29	679	0.6611		0.5753	0.1027	0.1429	0.3527	0.5034	0.0500	0.0601	0.0709	0.0787	0.0889	0.0826	0.0235	-0.1369	-0.3497	-0.3654

Table 5. Concluded

Run	Point	CP164	CP165
6	66	-0.0529	-0.1086
6	69	-0.0521	-0.1046
8	121	-0.0631	-0.1070
8	124	-0.0641	-0.1060
8	127	-0.0697	-0.1070
26	491	-0.0844	-0.0542
26	494	-0.0919	-0.0424
26	497	-0.0980	-0.0433
27	544	-0.1136	-0.1338
27	547	-0.1395	-0.1359
27	550	-0.1511	-0.1363
27	553	-0.1784	-0.1378
27	556	-0.2075	-0.1407
28	625	-0.2074	-0.0820
25	455	-0.1858	-0.1417
28	628	-0.0209	-0.0961
28	631	0.0919	-0.1251
29	676	0.0875	-0.3313
29	679	0.0765	-0.3873

Table 6. Pressure Coefficients at  $M_\infty = 0.90$  for Cavity of  $w = 9.6$  in. and  $h = 2.4$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ , psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
6	63	0.90	3.43	7.37	12.46	4.18	111.4	2.00	1.1942	-0.4014	-0.4131	-0.3919	-0.4072	-0.1362	0.0312	-0.0490	-0.0316	-0.0170
6	60	0.90	3.45	7.37	12.47	4.18	109.0	3.99	1.1942	-0.3995	-0.4144	-0.3918	-0.4052	-0.1372	0.0432	-0.0504	-0.0334	-0.0181
8	118	0.90	3.39	7.37	12.48	4.19	118.2	6.00	1.1934	-0.3942	-0.4065	-0.3835	-0.4167	-0.1348	0.0186	-0.0455	-0.0263	-0.0135
8	115	0.90	3.39	7.38	12.48	4.18	118.0	7.00	1.1932	-0.3952	-0.4072	-0.3841	-0.4155	-0.1356	0.0179	-0.0463	-0.0270	-0.0145
8	112	0.90	3.39	7.37	12.47	4.18	117.8	8.00	1.1940	-0.3938	-0.4058	-0.3831	-0.4163	-0.1367	0.0190	-0.0459	-0.0270	-0.0145
26	488	0.90	3.44	7.37	12.47	4.18	110.3	9.00	1.1975	-0.3857	-0.4011	-0.3877	-0.4092	-0.1453	0.0521	-0.0472	-0.0336	-0.0160
26	485	0.90	3.46	7.37	12.47	4.18	108.8	10.00	1.1976	-0.3861	-0.4012	-0.3882	-0.4089	-0.1457	0.0485	-0.0490	-0.0353	-0.0174
27	535	0.90	3.36	7.37	12.47	4.18	121.5	10.42	1.1973	-0.3862	-0.4041	-0.3909	-0.4132	-0.1507	0.0531	-0.0462	-0.0297	-0.0152
27	538	0.90	3.35	7.38	12.47	4.18	122.8	11.00	1.1967	-0.3873	-0.4056	-0.3934	-0.4132	-0.1435	0.0491	-0.0469	-0.0300	-0.0156
27	541	0.90	3.34	7.38	12.48	4.19	124.4	12.00	1.1960	-0.3868	-0.4057	-0.3947	-0.4152	-0.1527	0.0490	-0.0454	-0.0289	-0.0159
28	613	0.90	3.37	7.39	12.49	4.19	120.9	13.00	1.1978	-0.3875	-0.4007	-0.3929	-0.4062	-0.1446	0.0761	-0.0506	-0.0352	-0.0194
25	452	0.90	3.46	7.38	12.47	4.18	108.1	13.40	1.1991	-0.4012	-0.4037	-0.3950	-0.4124	-0.1484	0.0413	-0.0553	-0.0410	-0.0243
28	616	0.90	3.36	7.41	12.51	4.19	122.4	14.00	1.1963	-0.3905	-0.4031	-0.3946	-0.4068	-0.1433	0.0689	-0.0528	-0.0366	-0.0209
28	619	0.90	3.36	7.39	12.50	4.19	122.4	14.58	1.1975	-0.3882	-0.4015	-0.3933	-0.4074	-0.1461	0.0053	-0.0517	-0.0359	-0.0208
28	622	0.90	3.35	7.38	12.47	4.18	123.2	14.96	1.1982	-0.3874	-0.4010	-0.3928	-0.4072	-0.1454	0.0068	-0.0511	-0.0353	-0.0202
29	673	0.90	3.39	7.36	12.45	4.18	117.0	17.00	1.1983	-0.3847	-0.4028	-0.3965	-0.4152	-0.1776	0.0293	-0.0481	-0.0343	-0.0197
29	670	0.90	3.41	7.38	12.48	4.18	114.4	17.50	1.1983	-0.3868	-0.4042	-0.3984	-0.4160	-0.1726	0.0376	-0.0494	-0.0360	-0.0214
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
6	63	-0.0159	-0.0131	1.2096	0.1267	0.0860	0.0608	0.1181	0.0733	0.0316	0.1976	0.1813	0.1627	0.1315	0.0857	0.0788	0.0347	-0.0431
6	60	-0.0159	-0.0121	1.2078	0.1267	0.0856	0.0612	0.1109	0.0722	0.0444	0.1961	0.1801	0.1612	0.1312	0.0853	0.0780	0.0332	-0.0427
8	118	-0.0124	-0.0139	1.2146	0.1291	0.0919	0.0608	0.1586	0.0772	0.0209	0.2011	0.1836	0.1685	0.1312	0.0883	0.0857	0.0489	-0.0427
8	115	-0.0131	-0.0143	1.2144	0.1292	0.0920	0.0612	0.1587	0.0772	0.0206	0.2009	0.1834	0.1679	0.1306	0.0883	0.0854	0.0489	-0.0420
8	112	-0.0131	-0.0143	1.2152	0.1292	0.0923	0.0612	0.1570	0.0776	0.0217	0.2013	0.1838	0.1683	0.1313	0.0884	0.0854	0.0486	-0.0424
26	488	-0.0150	-0.0130	1.2087	0.1271	0.0898	0.0633	0.1283	0.0743	0.0530	0.1999	0.1824	0.1621	0.1319	0.0850	0.0809	0.0386	-0.0423
26	485	-0.0154	-0.0123	1.2077	0.1264	0.0895	0.0634	0.1236	0.0740	0.0501	0.1993	0.1822	0.1614	0.1316	0.0850	0.0802	0.0372	-0.0423
27	535	-0.0132	-0.0112	1.2099	0.1326	0.0921	0.0631	0.1411	0.0746	0.0552	0.2002	0.1829	0.1626	0.1315	0.0857	0.0814	0.0385	-0.0424
27	538	-0.0143	-0.0130	1.2096	0.1330	0.0928	0.0634	0.1459	0.0749	0.0512	0.2003	0.1829	0.1634	0.1308	0.0858	0.0818	0.0396	-0.0424
27	541	-0.0146	-0.0137	1.2100	0.1321	0.0920	0.0622	0.1505	0.0748	0.0511	0.2003	0.1826	0.1631	0.1302	0.0853	0.0817	0.0399	-0.0438
28	613	-0.0164	-0.0136	1.2056	0.1252	0.0859	0.0610	0.1161	0.0696	0.0767	0.1961	0.1791	0.1582	0.1301	0.0835	0.0767	0.0302	-0.0437
25	452	-0.0195	-0.0144	1.2011	0.1217	0.0826	0.0621	0.0760	0.0676	0.0407	0.1926	0.1787	0.1541	0.1315	0.0808	0.0721	0.0202	-0.0447
28	616	-0.0178	-0.0150	1.2052	0.1256	0.0860	0.0607	0.1203	0.0693	0.0690	0.1955	0.1785	0.1579	0.1291	0.0821	0.0764	0.0298	-0.0444
28	619	-0.0178	-0.0150	1.2061	0.1241	0.0852	0.0596	0.1223	0.0689	0.0060	0.1954	0.1784	0.1579	0.1287	0.0824	0.0763	0.0306	-0.0451
28	622	-0.0171	-0.0147	1.2075	0.1251	0.0865	0.0604	0.1287	0.0702	0.0079	0.1966	0.1792	0.1590	0.1294	0.0833	0.0776	0.0321	-0.0445
29	673	-0.0179	-0.0155	1.2077	0.1275	0.0884	0.0619	0.1206	0.0713	0.0300	0.1964	0.1811	0.1591	0.1300	0.0826	0.0765	0.0299	-0.0459
29	670	-0.0194	-0.0162	1.2051	0.1262	0.0868	0.0618	0.1074	0.0697	0.0380	0.1953	0.1800	0.1570	0.1290	0.0810	0.0745	0.0265	-0.0469

Table 6. Continued

Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
6	63	-0.1425	-0.0594	-0.0073	0.0060	0.0145	0.0147	0.0130	0.0151	0.0165	0.0113	0.0108	0.0099	0.0225	0.0387	0.0194	-0.0056	0.0025
6	60	-0.1436	-0.0601	-0.0069	0.0062	0.0145	0.0154	0.0145	0.0166	0.0184	0.0142	0.0150	0.0148	0.0269	0.0409	0.0237	0.0272	-0.0243
8	118	-0.1268	-0.0581	-0.0073	0.0093	0.0218	0.0212	0.0125	0.0164	0.0217	0.0125	0.0117	0.0071	0.0244	0.0356	0.0250	0.0192	0.0547
8	115	-0.1265	-0.0581	-0.0069	0.0093	0.0220	0.0214	0.0127	0.0162	0.0212	0.0120	0.0119	0.0066	0.0235	0.0326	0.0244	0.0151	0.0509
8	112	-0.1273	-0.0577	-0.0071	0.0089	0.0216	0.0208	0.0124	0.0161	0.0218	0.0122	0.0104	0.0048	0.0202	0.0282	0.0209	0.0094	0.0406
26	488	-0.1380	-0.0568	-0.0049	0.0052	0.0144	0.0161	0.0137	0.0174	0.0175	0.0124	0.0077	0.0075	0.0153	0.0194	0.0140	0.0043	0.0255
26	485	-0.1395	-0.0568	-0.0057	0.0043	0.0128	0.0145	0.0117	0.0150	0.0159	0.0106	0.0052	0.0070	0.0128	0.0152	0.0112	-0.0014	0.0169
27	535	-0.1365	-0.0566	-0.0062	0.0045	0.0140	0.0143	0.0101	0.0133	0.0145	0.0087	0.0039	0.0033	0.0099	0.0117	0.0087	-0.0063	0.0136
27	538	-0.1346	-0.0562	-0.0077	0.0027	0.0131	0.0137	0.0096	0.0132	0.0140	0.0073	0.0020	0.0003	0.0075	0.0089	0.0063	-0.0123	0.0094
27	541	-0.1355	-0.0561	-0.0086	0.0025	0.0128	0.0125	0.0073	0.0109	0.0112	0.0039	-0.0014	-0.0047	0.0005	-0.0033	-0.0001	-0.0253	0.0024
28	613	-0.1443	-0.0575	-0.0083	0.0000	0.0069	0.0097	0.0080	0.0095	0.0085	0.0033	-0.0005	-0.0055	-0.0075	-0.0172	-0.0086	-0.0332	-0.0054
25	452	-0.1568	-0.0606	-0.0074	-0.0015	0.0020	0.0066	0.0095	0.0084	0.0068	0.0038	0.0021	-0.0025	-0.0103	-0.0239	-0.0132	-0.0357	-0.0103
28	616	-0.1429	-0.0579	-0.0104	-0.0021	0.0050	0.0077	0.0053	0.0074	0.0066	0.0007	-0.0023	-0.0099	-0.0129	-0.0256	-0.0141	-0.0439	-0.0115
28	619	-0.1447	-0.0583	-0.0109	-0.0023	0.0051	0.0074	0.0043	0.0063	0.0053	-0.0007	-0.0025	-0.0121	-0.0151	-0.0296	-0.0165	-0.0501	-0.0141
28	622	-0.1432	-0.0576	-0.0099	-0.0012	0.0064	0.0084	0.0050	0.0072	0.0065	-0.0002	-0.0021	-0.0118	-0.0143	-0.0295	-0.0162	-0.0511	-0.0145
29	673	-0.1486	-0.0586	-0.0083	-0.0005	0.0061	0.0077	0.0061	0.0068	0.0056	-0.0011	-0.0094	-0.0132	-0.0180	-0.0348	-0.0197	-0.0588	-0.0222
29	670	-0.1513	-0.0596	-0.0088	-0.0017	0.0036	0.0060	0.0050	0.0055	0.0040	-0.0018	-0.0069	-0.0130	-0.0201	-0.0371	-0.0216	-0.0597	-0.0248
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP56	CP60	CP61			
6	63	-0.0122	0.0029	0.0077	0.0060	0.0139	0.0534	0.0408	0.0195	-0.0069	0.0143	0.0527	-0.0678	0.0266	-0.0104			
6	60	-0.0250	0.0002	0.0149	-0.0356	0.0098	0.0607	0.0432	0.0445	0.0353	0.0429	0.0517	0.0116	0.0496	0.0297			
8	118	-0.0892	-0.0181	0.0023	0.0585	0.0022	0.0415	0.0327	0.0399	0.0275	0.0365	0.0237		0.0322	0.0168			
8	115	-0.0131	-0.0464	0.0020	0.0622	-0.0258	0.0265	0.0236	0.0316	0.0228	0.0316	0.0171		0.0270	0.0131			
8	112	0.0533	-0.0903	-0.0014	0.0533	-0.0696	0.0160	0.0135	0.0247	0.0146	0.0222	0.0061		0.0168	0.0041			
26	488	0.0708	-0.0454	0.0009	0.0356	-0.0351	0.0002	0.0021	0.0061	-0.0003	0.0047	-0.0048		0.0029	-0.0049			
26	485	0.0630	0.0683	-0.0012	0.0255	0.0805	-0.0091	-0.0095	-0.0033	-0.0128	-0.0116	-0.0186		-0.0107	-0.0195			
27	535	0.0555	0.0956	-0.0049	0.0221	0.1102	-0.0136	-0.0148	-0.0056	-0.0091	-0.0100	-0.0193		-0.0105	-0.0208			
27	538	0.0542	0.1219	-0.0088	0.0186	0.1374	-0.0221	-0.0250	-0.0129	-0.0219	-0.0205	-0.0308		-0.0207	-0.0317			
27	541	0.0574	0.1470	-0.0160	0.0137	0.1634	-0.0494	-0.0500	-0.0391	-0.0481	-0.0483	-0.0584		-0.0451	-0.0566			
28	613	0.0714	0.1543	-0.0160	0.0096	0.1633	-0.0741	-0.0754	-0.0670	-0.0753	-0.0755	-0.0801		-0.0698	-0.0764			
25	452	0.0820	0.1526	-0.0147	0.0063	0.1541	-0.0848	-0.0857	-0.0810	-0.0830	-0.0905	-0.0860		-0.0845	-0.0870			
28	616	0.0672	0.1424	-0.0220	0.0047	0.1518	-0.0966	-0.0982	-0.0892	-0.0993	-0.0994	-0.1036		-0.0912	-0.0974			
28	619	0.0639	0.1337	-0.0254	0.0020	0.1446	-0.1077	-0.1102	-0.1018	-0.1066	-0.1101	-0.1140		-0.1042	-0.1128			
28	622	0.0625	0.1293	-0.0254	0.0020	0.1404	-0.1116	-0.1121	-0.1057	-0.1107	-0.1103	-0.1179		-0.1080	-0.1163			
29	673	0.0544	0.1032	-0.0279	-0.0046	0.1129	-0.1258	-0.1270	-0.1214	-0.1252	-0.1250	-0.1302		-0.1238	-0.1299			
29	670	0.0550	0.0976	-0.0284	-0.0067	0.1048	-0.1277	-0.1293	-0.1210	-0.1312	-0.1329	-0.1345		-0.1265	-0.1321			

Table 6. Continued

Run	Point	CP62	CP63	CP64	CP65	CP66	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
6	63	-0.0610	-0.0513															
6	60	0.0135	0.0198	0.0220	0.0206	0.0236	0.0069	0.1137										
8	118	-0.0004	0.0129	-0.0095	-0.0152	-0.0339	0.0346	0.0550	0.1066	0.0909	0.1016	0.3348						
8	115	-0.0040	0.0122	-0.0105	-0.0233	-0.0345	0.0154	0.0175	0.0703	0.0794	0.1153	0.1431	0.2466					
8	112	-0.0101	0.0087	-0.0122	-0.0210	-0.0338	-0.0090	-0.0089	0.0423	0.0594	0.0958	0.1509	0.1858	0.2138				
26	488	-0.0105	0.0006	-0.0119	-0.0175	0.0242	-0.0149	-0.0181	0.0156	0.0307	0.0614	0.1223	0.1787	0.2159	0.2660			
26	485	-0.0261	-0.0148	-0.0191	-0.0259	0.0216	-0.0201	-0.0287	0.0003	0.0113	0.0393	0.0956	0.1600	0.2044	0.2628	0.2809		
27	535	-0.0284	-0.0143	-0.0231	-0.0280	0.0259	-0.0237	-0.0298	-0.0020	0.0079	0.0327	0.0910	0.1467	0.1933	0.2566	0.2835	0.3083	
27	538	-0.0402	-0.0256	-0.0341	-0.0428	0.0180	-0.0323	-0.0406	-0.0079	0.0006	0.0269	0.0837	0.1464	0.1889	0.2599	0.2831	0.3191	0.4495
27	541	-0.0637	-0.0488	-0.0597	-0.0644	0.0166	-0.0567	-0.0646	-0.0272	-0.0142	0.0203	0.0835	0.1477	0.1930	0.2732	0.3056	0.3675	0.4240
28	613	-0.0816	-0.0738	-0.0818	-0.0880	0.0627	-0.0790	-0.0759	-0.0438	-0.0235	0.0157	0.0846	0.1455	0.1959	0.2601	0.2993	0.3617	0.4355
25	452	-0.0877	-0.0891	-0.0918	-0.0984	0.0302	-0.0939	-0.0827	-0.0580	-0.0253	0.0115	0.0839	0.1470	0.1968	0.2461	0.2926	0.3482	0.4116
28	616	-0.1023	-0.0950	-0.1040	-0.1109	0.0514	-0.1022	-0.0984	-0.0633	-0.0349	0.0113	0.0803	0.1340	0.1785	0.2357	0.2586	0.3080	0.3758
28	619	-0.1173	-0.1082	-0.1144	-0.1230	-0.0373	-0.1080	-0.1055	-0.0608	-0.0281	0.0147	0.0891	0.1428	0.1763	0.2240	0.2359	0.2732	0.3306
28	622	-0.1220	-0.1113	-0.1183	-0.1241	-0.0370	-0.1121	-0.1099	-0.0687	-0.0362	0.0124	0.0869	0.1381	0.1704	0.2140	0.2178	0.2528	0.3062
29	673	-0.1314	-0.1281	-0.1366	-0.1427	0.0004	-0.1320	-0.1227	-0.0783	-0.0426	0.0033	0.0745	0.1172	0.1456	0.1764	0.1660	0.1757	0.1966
29	670	-0.1362	-0.1319	-0.1392	-0.1466	0.0153	-0.1368	-0.1236	-0.0822	-0.0464	-0.0008	0.0721	0.1122	0.1407	0.1669	0.1585	0.1638	0.1778
Run	Point	CP82	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90	CP91	CP92	CP93	CP94	CP95			
6	63						0.0143	-0.0346	-0.0392	0.0276								
6	60						0.0337	0.0378	0.0286	-0.0011	0.0046	-0.0124	0.0298					
8	118	0.3343					0.0221	0.0457	0.0383	-0.0054	0.0267	-0.0066	0.0030	0.0570	0.0835			
8	115	0.1563					0.0093	0.0375	0.0252	-0.0179	0.0191	-0.0176	-0.0207	0.0508	0.1112			
8	112	0.1411	0.2588				0.0065	0.0301	0.0234	-0.0186	0.0168	-0.0196	-0.0341	0.0142	0.0715			
26	488	0.1175	0.2313	0.2513			-0.0042	0.0105	0.0046	-0.0181	0.0024	-0.0206	-0.0312	-0.0015	0.0422			
26	485	0.0850	0.2180	0.2674	0.2730		-0.0129	-0.0021	-0.0061	-0.0280	-0.0081	-0.0231	-0.0338	-0.0143	0.0196			
27	535	0.0768	0.2072	0.2534	0.2806	0.3061	-0.0180	-0.0038	-0.0081	-0.0324	-0.0078	-0.0310	-0.0406	-0.0205	0.0117			
27	538	0.0730	0.2081	0.2536	0.2875	0.3255	-0.0296	-0.0128	-0.0192	-0.0458	-0.0183	-0.0446	-0.0550	-0.0280	0.0010			
27	541	0.0776	0.2313	0.2795	0.3188	0.3750	-0.0553	-0.0380	-0.0448	-0.0724	-0.0434	-0.0688	-0.0785	-0.0466	-0.0012			
28	613	0.0867	0.2390	0.2839	0.3181	0.3702	-0.0775	-0.0682	-0.0716	-0.0895	-0.0763	-0.0945	-0.1014	-0.0622	0.0016			
25	452	0.0912	0.2430	0.2833	0.3114	0.3570	-0.0896	-0.0901	-0.0915	-0.0963	-0.0982	-0.1044	-0.1046	-0.0721	0.0051			
28	616	0.0983	0.2442	0.2671	0.2803	0.3208	-0.0970	-0.0890	-0.0915	-0.1117	-0.0989	-0.1176	-0.1225	-0.0780	-0.0035			
28	619	0.1044	0.2428	0.2528	0.2558	0.2872	-0.1131	-0.1030	-0.1080	-0.1265	-0.1101	-0.1288	-0.1312	-0.0800	0.0038			
28	622	0.1036	0.2411	0.2465	0.2426	0.2688	-0.1160	-0.1049	-0.1097	-0.1299	-0.1129	-0.1310	-0.1362	-0.0816	-0.0028			
29	673	0.1039	0.2161	0.2079	0.1841	0.1883	-0.1318	-0.1216	-0.1251	-0.1442	-0.1312	-0.1487	-0.1512	-0.0901	-0.0002			
29	670	0.1046	0.2127	0.2026	0.1767	0.1758	-0.1336	-0.1271	-0.1305	-0.1456	-0.1366	-0.1516	-0.1511	-0.0935	-0.0005			

Table 6. Continued

Run	Point	CP96	CP97	CP98	CP99	CP100	CP101	CP102	CP103	CP104	CP105	CP106	CP107	CP108	CP109	CP110	CP111	CP112
6	63						-0.0688	0.0314										
6	60						0.0226	0.0047	0.0049									
8	118	0.3461					0.0110	-0.0028	0.0033	0.1097								
8	115	0.1815	0.2700				0.0027	-0.0103	-0.0063	0.1225								
8	112	0.1638	0.2172	0.2172			-0.0024	-0.0156	-0.0077	0.0783	0.2223							
26	488	0.1178	0.1817	0.1817	0.2482		-0.0084	-0.0134	-0.0137	0.0564	0.2325							
26	485	0.0867	0.1592	0.1592	0.2632	0.3110	-0.0186	-0.0219	-0.0214	0.0274	0.2135							
27	535	0.0773	0.1438	0.1438	0.2468	0.3076	-0.0261	-0.0276	-0.0229	0.0191	0.1996							
27	538	0.0762	0.1385	0.1385	0.2499	0.3111	-0.0376	-0.0404	-0.0359	0.0131	0.1957	0.4071						
27	541	0.0826	0.1624	0.1624	0.2722	0.3367	-0.0670	-0.0658	-0.0592	0.0104	0.2198	0.4032	0.4105					
28	613	0.0965	0.1789	0.1789	0.2824	0.3309	-0.0889	-0.0827	-0.0876	0.0103	0.2403	0.4151	0.4704	0.4911				
25	452	0.0978	0.1839	0.1839	0.2816	0.3158	-0.0992	-0.0903	-0.0998	0.0072	0.2467	0.4097	0.4689	0.5050				
28	616	0.1024	0.1884	0.1884	0.2646	0.2948	-0.1114	-0.1037	-0.1083	0.0128	0.2392	0.3664	0.4402	0.5045				
28	619	0.1145	0.1995	0.1995	0.2487	0.2698	-0.1235	-0.1180	-0.1222	0.0152	0.2376	0.3236	0.3959	0.4776	0.5365			
28	622	0.1147	0.1960	0.1960	0.2394	0.2569	-0.1227	-0.1213	-0.1241	0.0084	0.2341	0.2971	0.3631	0.4457	0.5782			
29	673	0.1134	0.1891	0.1891	0.2018	0.1985	-0.1427	-0.1352	-0.1409	0.0109	0.2101	0.1864	0.2112	0.2526	0.4058	0.5138	0.5428	0.5660
29	670	0.1157	0.1907	0.1907	0.1993	0.1899	-0.1469	-0.1382	-0.1476	0.0145	0.2084	0.1696	0.1890	0.2208	0.3499	0.4546	0.4980	0.5364
Run	Point	CP113	CP114	CP115	CP116	CP117	CP118	CP119	CP120	CP121	CP122	CP123	CP124	CP125	CP126	CP127	CP128	CP129
6	63																	
6	60																	
8	118																	
8	115																	
8	112																	
26	488																	
26	485																	
27	535				0.2967												0.2970	
27	538				0.3363	0.4187											0.3374	
27	541				0.3706	0.4201	0.3867										0.3628	
28	613				0.3724	0.4319	0.4710	0.4829									0.3670	0.4931
25	452				0.3599	0.4196	0.4762	0.5138	0.6245								0.3564	0.5405
28	616				0.3158	0.3763	0.4390	0.5071	0.5545								0.3160	0.5255
28	619				0.2840	0.3353	0.3902	0.4740	0.5498	0.5280							0.2829	0.4865
28	622				0.2639	0.3085	0.3586	0.4428	0.5366	0.5751							0.2650	0.4527
29	673	0.5847	0.5362		0.1840	0.1962	0.2074	0.2488	0.3196	0.3990	0.5084	0.5405	0.5591	0.5702	0.5254		0.1823	0.2568
29	670	0.5690	0.5710	0.5314	0.1719	0.1785	0.1842	0.2158	0.2748	0.3420	0.4490	0.4945	0.5303	0.5554	0.5744	0.5276	0.1759	0.2226

Table 6. Continued

Run	Point	CP130	CP131	CP132	CP133	CP134	CP135	CP136	CP137	CP138	CP139	CP140	CP141	CP142	CP143	CP144	CP145	CP146
6	63																	0.2316
6	60																	0.3024
8	118																	0.3290
8	115																	0.3555
8	112																	0.3812
26	488																	0.4142
26	485																	0.4267
27	535																	0.4247
27	538																	0.4437
27	541				0.4195													0.5016
28	613				0.4701	0.4981												0.5524
25	452				0.4799	0.5013	0.5015	0.6540										0.5422
28	616				0.4432	0.5059	0.4993	0.5232	0.5418									0.5726
28	619				0.3935	0.4785	0.5054	0.5247	0.5219	0.5298								0.5774
28	622				0.3598	0.4428	0.4747	0.5275	0.5313	0.5377	0.5450							0.5929
29	673	0.5087	0.5697	0.5399	0.2150	0.2553	0.2728	0.3197	0.3472	0.4002	0.4529	0.4779	0.5208	0.5165	0.5253	0.5439		0.6283
29	670	0.4441	0.5390	0.5849	0.1937	0.2231	0.2354	0.2740	0.2984	0.3432	0.3943	0.4273	0.4802	0.5148	0.5162	0.5387	0.5309	0.6331
Run	Point	CP147	CP148	CP149	CP150	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163
6	63	0.0762	0.0594	0.1380					0.0048	0.0074	0.0065	-0.0022	0.0003	0.0050	0.0001	-0.0058	-0.0137	-0.0192
6	60	0.2262	0.2131	0.2706					0.0046	0.0072	0.0065	-0.0021	0.0012	0.0055	0.0015	-0.0037	-0.0111	-0.0150
8	118	0.2816	0.2764	0.3005					-0.0061	0.0012	-0.0022	-0.0134	-0.0089	0.0030	-0.0031	-0.0095	-0.0159	-0.0132
8	115	0.3324	0.3162	0.3384					-0.0122	-0.0026	-0.0051	-0.0155	-0.0108	0.0014	-0.0043	-0.0102	-0.0162	-0.0137
8	112	0.3632	0.3494	0.3630					-0.0257	-0.0110	-0.0100	-0.0180	-0.0122	0.0010	-0.0042	-0.0105	-0.0166	-0.0145
26	488	0.3985		0.3715					-0.0535	-0.0346	-0.0256	-0.0231	-0.0114	-0.0054	-0.0105	-0.0188	-0.0285	-0.0364
26	485	0.4170		0.3842					-0.0950	-0.0642	-0.0443	-0.0346	-0.0185	-0.0095	-0.0121	-0.0179	-0.0251	-0.0314
27	535	0.4135		0.3826	0.3081				-0.1113	-0.0721	-0.0501	-0.0532	-0.0399	-0.0267	-0.0145	-0.0150	-0.0235	-0.0288
27	538	0.4414		0.4027	0.3308				-0.1220	-0.1122	-0.0798	-0.0736	-0.0543	-0.0362	-0.0214	-0.0198	-0.0258	-0.0285
27	541	0.5151		0.4719	0.3727				0.0220	-0.1310	-0.1635	-0.1377	-0.0989	-0.0672	-0.0435	-0.0344	-0.0350	-0.0331
28	613	0.5915		0.5393	0.3597	0.4870			0.1431	0.0604	-0.1197	-0.2308	-0.1613	-0.1072	-0.0835	-0.0687	-0.0606	-0.0395
25	452	0.5865		0.5606	0.3426	0.5098			0.1677	0.1177	-0.0156	-0.2195	-0.2227	-0.1477	-0.1007	-0.0745	-0.0596	-0.0536
28	616	0.6176		0.5741	0.3040	0.5061			0.1744	0.1599	0.0891	-0.0868	-0.2533	-0.2029	-0.1489	-0.1128	-0.0925	-0.0615
28	619	0.6239		0.5832	0.2703	0.4642			0.1722	0.1766	0.1474	0.0455	-0.1500	-0.2618	-0.2111	-0.1569	-0.1241	-0.0830
28	622	0.6484		0.5961	0.2497	0.4284			0.1669	0.1785	0.1667	0.1033	-0.0436	-0.2418	-0.2649	-0.1943	-0.1500	-0.1009
29	673	0.6732		0.6055	0.1729	0.2447	0.4744	0.5530	0.1223	0.1395	0.1552	0.1641	0.1698	0.1467	0.0399	-0.1849	-0.3388	-0.2684
29	670	0.6788		0.6071	0.1606	0.2127	0.4150	0.5456	0.1132	0.1277	0.1433	0.1547	0.1695	0.1687	0.1140	-0.0413	-0.2789	-0.3436



Table 6. Concluded

Run	Point	CP164	CP165
6	63	0.0040	-0.0224
6	60	0.0049	-0.0177
8	118	-0.0023	-0.0163
8	115	-0.0042	-0.0167
8	112	-0.0084	-0.0181
26	488	-0.0221	0.0449
26	485	-0.0367	0.0392
27	535	-0.0494	-0.0399
27	538	-0.0724	-0.0413
27	541	-0.1487	-0.0462
28	613	-0.2113	-0.0518
25	452	-0.1270	-0.0562
28	616	0.0204	-0.0737
28	619	0.1136	-0.0970
28	622	0.1484	-0.1156
29	673	0.1617	-0.2867
29	670	0.1504	-0.3747

Table 7. Pressure Coefficients at  $M_\infty = 0.95$  for Cavity of  $w = 9.6$  in. and  $h = 2.4$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ , psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
6	55	0.95	3.39	6.61	11.82	4.18	102.4	1.97	1.2333	-0.2981	-0.3199	-0.3380	-0.3611	-0.3910	0.0297	-0.3286	0.0157	0.0602
6	57	0.95	3.35	6.63	11.82	4.16	107.0	3.99	1.2315	-0.3020	-0.3251	-0.3411	-0.3661	-0.3942	0.0452	-0.2360	0.0317	0.0587
8	101	0.95	3.28	6.57	11.76	4.16	114.9	6.00	1.2319	-0.2879	-0.3107	-0.3143	-0.3542	-0.3906	0.0205	-0.3201	0.0259	0.0677
8	106	0.95	3.28	6.62	11.82	4.18	117.0	7.00	1.2313	-0.2897	-0.3136	-0.3154	-0.3560	-0.3926	0.0197	-0.2895	0.0330	0.0668
8	109	0.95	3.28	6.62	11.83	4.18	117.5	8.00	1.2315	-0.2887	-0.3143	-0.3161	-0.3564	-0.3926	0.0201	-0.2903	0.0326	0.0664
26	469	0.95	3.39	6.61	11.81	4.17	101.7	8.75	1.2322	-0.2865	-0.3107	-0.3155	-0.3579	-0.3953	0.0548	-0.3337	0.0145	0.0624
26	473	0.95	3.39	6.61	11.82	4.18	102.5	9.00	1.2326	-0.2838	-0.3104	-0.3145	-0.3575	-0.3949	0.0532	-0.3394	0.0116	0.0634
26	476	0.95	3.38	6.61	11.81	4.17	103.1	9.38	1.2325	-0.2838	-0.3108	-0.3145	-0.3580	-0.3951	0.0519	-0.3342	0.0148	0.0631
26	479	0.95	3.39	6.60	11.80	4.17	101.8	10.00	1.2341	-0.2820	-0.3094	-0.3127	-0.3572	-0.3936	0.0526	-0.3416	0.0106	0.0641
27	526	0.95	3.35	6.61	11.82	4.18	107.8	10.42	1.2341	-0.2819	-0.3117	-0.3178	-0.3592	-0.3981	0.0523	-0.3472	0.0084	0.0623
27	529	0.95	3.33	6.61	11.82	4.18	110.4	11.00	1.2340	-0.2828	-0.3126	-0.3177	-0.3606	-0.3984	0.0454	-0.3410	0.0113	0.0617
27	532	0.95	3.30	6.61	11.82	4.18	113.9	12.00	1.2331	-0.2824	-0.3130	-0.3170	-0.3613	-0.3980	0.0465	-0.3438	0.0113	0.0627
28	591	0.95	3.25	6.60	11.81	4.18	120.9	13.00	1.2341	-0.2815	-0.3134	-0.3221	-0.3601	-0.3981	0.0653	-0.3499	0.0049	0.0608
25	449	0.95	3.36	6.59	11.79	4.17	104.9	13.40	1.2373	-0.2938	-0.3118	-0.3184	-0.3579	-0.3986	0.0418	-0.3529	0.0000	0.0580
28	595	0.95	3.22	6.62	11.82	4.18	124.5	14.00	1.2336	-0.2817	-0.3146	-0.3215	-0.3618	-0.3987	0.0679	-0.3433	0.0110	0.0615
28	598	0.95	3.21	6.62	11.83	4.18	125.9	14.58	1.2332	-0.2817	-0.3150	-0.3212	-0.3618	-0.3983	0.0326	-0.3440	0.0110	0.0615
28	601	0.95	3.20	6.62	11.82	4.17	127.2	14.96	1.2332	-0.2816	-0.3160	-0.3214	-0.3628	-0.3986	0.0275	-0.3404	0.0135	0.0616
29	664	0.95	3.35	6.61	11.82	4.18	106.9	17.00	1.2346	-0.2864	-0.3130	-0.3241	-0.3601	-0.4010	0.0274	-0.3595	-0.0057	0.0565
29	667	0.95	3.34	6.62	11.82	4.17	108.9	17.50	1.2345	-0.2855	-0.3128	-0.3239	-0.3610	-0.4012	0.0398	-0.3582	-0.0036	0.0572

Table 7. Continued

Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
6	55	0.0570	0.0491	1.2403	0.1458	0.1020	0.0815	0.1182	0.0972	0.0293	0.2296	0.2168	0.1960	0.1657	0.1187	0.1103	0.0629	-0.0203
6	57	0.0528	0.0440	1.2400	0.1473	0.1030	0.0810	0.1272	0.0982	0.0456	0.2302	0.2167	0.1969	0.1651	0.1183	0.1103	0.0642	-0.0210
8	101	0.0628	0.0497	1.2465	0.1506	0.1115	0.0828	0.1722	0.1057	0.0224	0.2381	0.2230	0.2070	0.1681	0.1245	0.1206	0.0830	-0.0171
8	106	0.0608	0.0475	1.2470	0.1506	0.1119	0.0826	0.1775	0.1051	0.0224	0.2377	0.2223	0.2068	0.1673	0.1245	0.1203	0.0831	-0.0181
8	109	0.0604	0.0464	1.2471	0.1504	0.1118	0.0821	0.1784	0.1053	0.0223	0.2378	0.2217	0.2069	0.1671	0.1240	0.1201	0.0834	-0.0181
26	469	0.0597	0.0511	1.2360	0.1468	0.1046	0.0838	0.1194	0.0976	0.0546	0.2322	0.2180	0.1951	0.1667	0.1174	0.1108	0.0628	-0.0198
26	473	0.0611	0.0520	1.2371	0.1473	0.1055	0.0833	0.1241	0.0982	0.0534	0.2330	0.2184	0.1959	0.1668	0.1183	0.1113	0.0642	-0.0195
26	476	0.0605	0.0514	1.2386	0.1479	0.1061	0.0834	0.1284	0.0991	0.0535	0.2337	0.2188	0.1966	0.1667	0.1185	0.1119	0.0654	-0.0195
26	479	0.0619	0.0521	1.2401	0.1482	0.1070	0.0841	0.1331	0.1001	0.0538	0.2351	0.2201	0.1979	0.1673	0.1192	0.1133	0.0676	-0.0184
27	526	0.0611	0.0526	1.2375	0.1486	0.1053	0.0833	0.1189	0.0973	0.0529	0.2323	0.2185	0.1947	0.1658	0.1172	0.1099	0.0618	-0.0202
27	529	0.0597	0.0509	1.2389	0.1491	0.1061	0.0833	0.1293	0.0981	0.0471	0.2332	0.2180	0.1956	0.1656	0.1173	0.1104	0.0630	-0.0210
27	532	0.0604	0.0506	1.2398	0.1491	0.1068	0.0830	0.1388	0.0970	0.0467	0.2339	0.2180	0.1963	0.1649	0.1173	0.1111	0.0652	-0.0210
28	591	0.0605	0.0520	1.2368	0.1478	0.1032	0.0821	0.1209	0.0958	0.0651	0.2306	0.2167	0.1940	0.1652	0.1162	0.1083	0.0588	-0.0216
25	449	0.0595	0.0521	1.2338	0.1418	0.1002	0.0826	0.0882	0.0942	0.0411	0.2280	0.2169	0.1914	0.1671	0.1148	0.1049	0.0508	-0.0219
28	595	0.0598	0.0503	1.2393	0.1485	0.1056	0.0818	0.1377	0.0972	0.0687	0.2320	0.2171	0.1954	0.1645	0.1166	0.1094	0.0625	-0.0267
28	598	0.0598	0.0496	1.2399	0.1489	0.1056	0.0818	0.1439	0.0968	0.0320	0.2316	0.2170	0.1957	0.1641	0.1169	0.1098	0.0637	-0.0227
28	601	0.0598	0.0486	1.2410	0.1494	0.1060	0.0815	0.1515	0.0973	0.0280	0.2326	0.2172	0.1963	0.1636	0.1160	0.1103	0.0648	-0.0227
29	664	0.0582	0.0509	1.2329	0.1435	0.1009	0.0811	0.0945	0.0922	0.0270	0.2263	0.2153	0.1891	0.1640	0.1126	0.1028	0.0495	-0.0244
29	667	0.0583	0.0505	1.2346	0.1447	0.1016	0.0811	0.1028	0.0933	0.0398	0.2272	0.2158	0.1903	0.1641	0.1126	0.1036	0.0518	-0.0240

Table 7. Continued

Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
6	55	-0.1244	-0.2552	0.0430	0.0387	0.0364	0.0337	0.0313	0.0281	0.0261	0.0205	0.0186	0.0179	0.0260	0.0420	0.0205	-0.0036	0.0054
6	57	-0.1222	-0.2533	0.0401	0.0391	0.0396	0.0367	0.0335	0.0321	0.0313	0.0255	0.0236	0.0239	0.0354	0.0503	0.0318	0.0386	-0.0217
8	101	-0.1034	-0.2495	0.0448	0.0454	0.0490	0.0441	0.0336	0.0331	0.0354	0.0253	0.0248	0.0174	0.0333	0.0463	0.0324	0.0295	0.0692
8	106	-0.1030	-0.2505	0.0427	0.0446	0.0489	0.0440	0.0328	0.0327	0.0346	0.0239	0.0204	0.0165	0.0314	0.0417	0.0310	0.0246	0.0617
8	109	-0.1029	-0.2502	0.0421	0.0436	0.0483	0.0438	0.0326	0.0325	0.0341	0.0228	0.0193	0.0137	0.0281	0.0358	0.0275	0.0179	0.0489
26	469	-0.1245	-0.2536	0.0465	0.0393	0.0373	0.0362	0.0338	0.0324	0.0293	0.0246	0.0230	0.0201	0.0222	0.0261	0.0180	0.0157	0.0346
26	473	-0.1229	-0.2530	0.0473	0.0403	0.0383	0.0370	0.0338	0.0325	0.0295	0.0240	0.0181	0.0185	0.0209	0.0241	0.0171	0.0131	0.0321
26	476	-0.1219	-0.2533	0.0469	0.0408	0.0392	0.0369	0.0331	0.0324	0.0304	0.0245	0.0191	0.0185	0.0211	0.0236	0.0172	0.0109	0.0283
26	479	-0.1205	-0.2521	0.0484	0.0411	0.0399	0.0377	0.0333	0.0325	0.0300	0.0237	0.0159	0.0172	0.0202	0.0230	0.0161	0.0072	0.0243
27	526	-0.1256	-0.2545	0.0478	0.0392	0.0362	0.0351	0.0325	0.0300	0.0274	0.0221	0.0175	0.0163	0.0160	0.0169	0.0113	0.0038	0.0185
27	529	-0.1238	-0.2558	0.0458	0.0382	0.0366	0.0348	0.0311	0.0294	0.0261	0.0202	0.0120	0.0137	0.0147	0.0130	0.0098	-0.0026	0.0141
27	532	-0.1216	-0.2557	0.0451	0.0384	0.0377	0.0350	0.0297	0.0284	0.0254	0.0181	0.0120	0.0085	0.0096	0.0070	0.0056	-0.0137	0.0075
28	591	-0.1287	-0.2575	0.0465	0.0380	0.0350	0.0334	0.0298	0.0276	0.0235	0.0172	0.0124	0.0079	0.0040	-0.0032	-0.0013	-0.0247	-0.0022
25	449	-0.1389	-0.2582	0.0463	0.0359	0.0295	0.0299	0.0301	0.0262	0.0217	0.0170	0.0074	0.0085	-0.0007	-0.0113	-0.0067	-0.0292	-0.0077
28	595	-0.1253	-0.2578	0.0443	0.0371	0.0354	0.0332	0.0279	0.0263	0.0227	0.0153	0.0094	0.0034	-0.0001	-0.0102	-0.0051	-0.0379	-0.0093
28	598	-0.1242	-0.2585	0.0438	0.0369	0.0355	0.0327	0.0268	0.0255	0.0217	0.0135	0.0074	0.0002	-0.0027	-0.0145	-0.0075	-0.0453	-0.0128
28	601	-0.1228	-0.2587	0.0430	0.0364	0.0361	0.0331	0.0267	0.0250	0.0214	0.0129	0.0062	-0.0003	-0.0031	-0.0154	-0.0080	-0.0492	-0.0143
29	664	-0.1381	-0.2612	0.0453	0.0338	0.0271	0.0270	0.0260	0.0217	0.0163	0.0111	0.0026	-0.0005	-0.0122	-0.0296	-0.0194	-0.0602	-0.0301
29	667	-0.1359	-0.2613	0.0448	0.0338	0.0280	0.0274	0.0256	0.0214	0.0165	0.0107	0.0050	-0.0015	-0.0121	-0.0289	-0.0190	-0.0619	-0.0309

Table 7. Continued

Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP56	CP60	CP61
6	55	0.0045	0.0191	0.0151	0.0106	0.0244	0.0589	0.0336	0.0197	0.0128	0.0309	0.0628	-0.0576	0.0289	-0.0148
6	57	-0.0133	0.0183	0.0238	-0.0368	0.0262	0.0705	0.0563	0.0543	0.0526	0.0590	0.0677	0.0232	0.0565	0.0379
8	101	-0.0922	-0.0027	0.0122	0.0750	0.0152	0.0462	0.0441	0.0474	0.0347	0.0455	0.0345		0.0453	0.0323
8	106	0.0029	-0.0336	0.0096	0.0757	-0.0146	0.0373	0.0355	0.0390	0.0290	0.0367	0.0224		0.0345	0.0235
8	109	0.0684	-0.0858	0.0060	0.0623	-0.0671	0.0248	0.0252	0.0320	0.0216	0.0298	0.0140		0.0275	0.0167
26	469	0.0952	-0.0624	0.0129	0.0475	-0.0563	0.0155	0.0157	0.0196	0.0172	0.0187	0.0155		0.0168	0.0115
26	473	0.0953	-0.0306	0.0108	0.0446	-0.0255	0.0118	0.0123	0.0166	0.0105	0.0114	0.0076		0.0106	0.0055
26	476	0.0855	0.0256	0.0098	0.0392	0.0308	0.0101	0.0101	0.0145	0.0120	0.0148	0.0081		0.0118	0.0057
26	479	0.0790	0.0903	0.0078	0.0341	0.0987	0.0098	0.0055	0.0157	0.0105	0.0094	0.0053		0.0055	-0.0022
27	526	0.0771	0.1151	0.0073	0.0289	0.1210	-0.0013	-0.0021	0.0021	0.0006	-0.0028	-0.0046		-0.0013	-0.0076
27	529	0.0695	0.1358	0.0036	0.0243	0.1438	-0.0127	-0.0112	-0.0066	-0.0096	-0.0115	-0.0167		-0.0110	-0.0181
27	532	0.0695	0.1585	-0.0030	0.0188	0.1678	-0.0273	-0.0300	-0.0176	-0.0260	-0.0299	-0.0331		-0.0277	-0.0368
28	591	0.0787	0.1699	-0.0050	0.0126	0.1755	-0.0504	-0.0519	-0.0450	-0.0511	-0.0558	-0.0549		-0.0520	-0.0572
25	449	0.0890	0.1712	-0.0056	0.0091	0.1710	-0.0632	-0.0649	-0.0606	-0.0627	-0.0698	-0.0638		-0.0645	-0.0671
28	595	0.0747	0.1660	-0.0124	0.0067	0.1742	-0.0762	-0.0768	-0.0673	-0.0804	-0.0804	-0.0831		-0.0745	-0.0806
28	598	0.0723	0.1603	-0.0157	0.0034	0.1697	-0.0871	-0.0888	-0.0805	-0.0867	-0.0887	-0.0923		-0.0849	-0.0925
28	601	0.0704	0.1550	-0.0175	0.0023	0.1655	-0.0956	-0.0964	-0.0896	-0.0939	-0.0974	-0.1020		-0.0938	-0.1021
29	664	0.0742	0.1290	-0.0175	-0.0097	0.1292	-0.1173	-0.1178	-0.1134	-0.1186	-0.1233	-0.1185		-0.1173	-0.1192
29	667	0.0697	0.1236	-0.0191	-0.0112	0.1254	-0.1196	-0.1208	-0.1162	-0.1189	-0.1233	-0.1208		-0.1199	-0.1226

Table 7. Continued

Run	Point	CP62	CP63	CP64	CP65	CP66	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
6	55	-0.0593	-0.0419															
6	57	0.0154	0.0312	0.0334	0.0317	0.0377	0.0162	0.1483										
8	101	0.0154	0.0236	0.0022	-0.0014	-0.0106	0.0512	0.0594	0.0997	0.1024	0.1169	0.3368						
8	106	0.0074	0.0195	0.0019	-0.0151	-0.0119	0.0209	0.0330	0.0855	0.1054	0.1396	0.1539	0.2390					
8	109	0.0041	0.0210	0.0000	-0.0098	-0.0125	0.0086	0.0043	0.0514	0.0666	0.0976	0.1505	0.1903	0.2155				
26	469	0.0068	0.0113	0.0028	-0.0025	0.0492	-0.0002	0.0027	0.0273	0.0513	0.0826	0.1305	0.1776	0.2202	0.2798			
26	473	0.0022	0.0065	0.0001	-0.0101	0.0459	-0.0036	-0.0045	0.0239	0.0400	0.0673	0.1321	0.1861	0.2220	0.2551			
26	476	0.0004	0.0079	-0.0008	-0.0068	0.0436	-0.0047	-0.0081	0.0157	0.0281	0.0557	0.1084	0.1651	0.1981	0.2421	0.3407		
26	479	-0.0077	0.0017	-0.0062	-0.0109	0.0427	-0.0037	-0.0085	0.0099	0.0159	0.0428	0.0937	0.1484	0.1924	0.2422	0.2504		
27	526	-0.0110	-0.0061	-0.0082	-0.0130	0.0479	-0.0123	-0.0162	0.0019	0.0176	0.0378	0.0876	0.1451	0.1919	0.2444	0.2686	0.2878	
27	529	-0.0211	-0.0148	-0.0168	-0.0239	0.0368	-0.0214	-0.0260	-0.0040	0.0038	0.0267	0.0808	0.1406	0.1923	0.2515	0.2751	0.3055	0.4333
27	532	-0.0410	-0.0314	-0.0364	-0.0421	0.0330	-0.0355	-0.0399	-0.0170	-0.0054	0.0224	0.0809	0.1315	0.1827	0.2518	0.2938	0.3405	0.3828
28	591	-0.0615	-0.0573	-0.0600	-0.0668	0.0651	-0.0644	-0.0614	-0.0387	-0.0195	0.0131	0.0786	0.1394	0.1916	0.2485	0.2928	0.3513	0.4091
25	449	-0.0665	-0.0688	-0.0691	-0.0747	0.0468	-0.0755	-0.0641	-0.0512	-0.0253	0.0045	0.0736	0.1407	0.2000	0.2482	0.2993	0.3516	0.4058
28	595	-0.0852	-0.0788	-0.0856	-0.0926	0.0643	-0.0866	-0.0857	-0.0550	-0.0332	0.0018	0.0718	0.1312	0.1817	0.2408	0.2711	0.3256	0.3886
28	598	-0.0966	-0.0888	-0.0976	-0.1037	0.0201	-0.0943	-0.0943	-0.0640	-0.0394	0.0006	0.0758	0.1331	0.1771	0.2325	0.2542	0.2990	0.3582
28	601	-0.1056	-0.0971	-0.1037	-0.1097	0.0138	-0.1014	-0.1015	-0.0655	-0.0404	-0.0022	0.0745	0.1315	0.1735	0.2281	0.2426	0.2801	0.3343
29	664	-0.1196	-0.1216	-0.1240	-0.1278	0.0282	-0.1278	-0.1138	-0.0891	-0.0540	-0.0132	0.0644	0.1195	0.1566	0.1834	0.1996	0.2129	0.2277
29	667	-0.1233	-0.1238	-0.1279	-0.1318	0.0398	-0.1310	-0.1145	-0.0884	-0.0579	-0.0168	0.0586	0.1135	0.1523	0.1820	0.1926	0.2009	0.2123

Table 7. Continued

Run	Point	CP82	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90	CP91	CP92	CP93	CP94	CP95
6	55						0.0075	-0.0487	-0.0397	0.0399					
6	57						0.0450	0.0477	0.0365	0.0130	0.0185	0.0079	0.0412		
8	101	0.3566					0.0351	0.0545	0.0463	0.0062	0.0349	0.0018	0.0152	0.0749	0.1178
8	106	0.1552					0.0274	0.0489	0.0420	-0.0003	0.0323	0.0010	-0.0023	0.0508	0.1041
8	109	0.1439	0.2603				0.0188	0.0419	0.0336	-0.0056	0.0285	-0.0052	-0.0128	0.0286	0.0778
26	469	0.1247	0.2244	0.2836			0.0140	0.0160	0.0125	0.0006	0.0069	-0.0023	-0.0081	0.0132	0.0574
26	473	0.1218	0.2288	0.2606			0.0080	0.0134	0.0089	-0.0053	0.0036	-0.0113	-0.0192	0.0083	0.0501
26	476	0.1036	0.2060	0.2354	0.3405		0.0038	0.0129	0.0082	-0.0067	0.0056	-0.0106	-0.0177	0.0028	0.0375
26	479	0.0867	0.2020	0.2419	0.2530		-0.0025	0.0079	0.0022	-0.0125	0.0027	-0.0170	-0.0250	-0.0055	0.0276
27	526	0.0820	0.1922	0.2371	0.2676	0.3016	-0.0083	-0.0024	-0.0073	-0.0156	-0.0070	-0.0173	-0.0258	-0.0093	0.0257
27	529	0.0686	0.1909	0.2400	0.2810	0.3085	-0.0138	-0.0090	-0.0113	-0.0244	-0.0129	-0.0222	-0.0304	-0.0168	0.0113
27	532	0.0648	0.1982	0.2508	0.2920	0.3429	-0.0352	-0.0277	-0.0321	-0.0466	-0.0300	-0.0445	-0.0526	-0.0317	0.0015
28	591	0.0668	0.2086	0.2644	0.3063	0.3545	-0.0580	-0.0538	-0.0577	-0.0681	-0.0614	-0.0708	-0.0764	-0.0540	-0.0054
25	449	0.0709	0.2160	0.2707	0.3149	0.3556	-0.0703	-0.0744	-0.0753	-0.0732	-0.0789	-0.0811	-0.0829	-0.0615	-0.0027
28	595	0.0717	0.2238	0.2705	0.2981	0.3386	-0.0822	-0.0744	-0.0783	-0.0931	-0.0825	-0.0990	-0.1039	-0.0708	-0.0143
28	598	0.0701	0.2243	0.2634	0.2814	0.3165	-0.0931	-0.0852	-0.0886	-0.1059	-0.0926	-0.1076	-0.1128	-0.0800	-0.0178
28	601	0.0767	0.2274	0.2571	0.2675	0.2974	-0.1021	-0.0915	-0.0963	-0.1145	-0.0989	-0.1181	-0.1227	-0.0804	-0.0144
29	664	0.0748	0.2102	0.2290	0.2235	0.2236	-0.1223	-0.1250	-0.1251	-0.1262	-0.1313	-0.1348	-0.1355	-0.0985	-0.0204
29	667	0.0718	0.2099	0.2247	0.2158	0.2140	-0.1253	-0.1259	-0.1283	-0.1319	-0.1328	-0.1389	-0.1401	-0.1003	-0.0252

Table 7. Continued

Run	Point	CP96	CP97	CP98	CP99	CP100	CP101	CP102	CP103	CP104	CP105	CP106	CP107	CP108	CP109	CP110	CP111	CP112
6	55						-0.0580	0.0449										
6	57						0.0345	0.0132	0.0090									
8	101	0.3472					0.0247	0.0076	0.0176	0.1288								
8	106	0.1743	0.2637				0.0191	0.0046	0.0122	0.1236								
8	109	0.1571	0.2055	0.2055			0.0104	-0.0048	0.0042	0.0930	0.2218							
26	469	0.1253	0.1919	0.1919	0.2677		0.0095	0.0039	-0.0016	0.0608	0.2354							
26	473	0.1246	0.1938	0.1938	0.2522		0.0055	-0.0010	-0.0063	0.0593	0.2378							
26	476	0.1018	0.1619	0.1619	0.2380	0.3437	-0.0004	-0.0045	-0.0082	0.0422	0.2101							
26	479	0.0885	0.1489	0.1489	0.2397	0.2784	-0.0067	-0.0101	-0.0120	0.0359	0.2008							
27	526	0.0810	0.1406	0.1406	0.2452	0.2905	-0.0123	-0.0114	-0.0158	0.0300	0.1900							
27	529	0.0691	0.1300	0.1300	0.2387	0.2916	-0.0186	-0.0182	-0.0170	0.0180	0.1856	0.4001						
27	532	0.0663	0.1309	0.1309	0.2527	0.3116	-0.0422	-0.0407	-0.0406	0.0131	0.1905	0.3702	0.3932					
28	591	0.0678	0.1484	0.1484	0.2664	0.3178	-0.0692	-0.0627	-0.0686	0.0022	0.2113	0.3963	0.4471	0.4391				
25	449	0.0732	0.1503	0.1503	0.2744	0.3183	-0.0762	-0.0699	-0.0824	0.0023	0.2207	0.4045	0.4573	0.4901				
28	595	0.0729	0.1595	0.1595	0.2698	0.3109	-0.0953	-0.0884	-0.0933	-0.0021	0.2235	0.3775	0.4359	0.4900				
28	598	0.0775	0.1644	0.1644	0.2615	0.2957	-0.1030	-0.0993	-0.1010	-0.0075	0.2217	0.3488	0.4079	0.4736	0.5201			
28	601	0.0872	0.1721	0.1721	0.2533	0.2829	-0.1120	-0.1079	-0.1098	-0.0095	0.2270	0.3238	0.3824	0.4516	0.5663			
29	664	0.0778	0.1677	0.1677	0.2304	0.2298	-0.1328	-0.1235	-0.1331	-0.0142	0.2189	0.2298	0.2517	0.2909	0.4274	0.5170	0.5497	0.5741
29	667	0.0782	0.1632	0.1632	0.2238	0.2205	-0.1376	-0.1259	-0.1364	-0.0182	0.2159	0.2134	0.2298	0.2612	0.3776	0.4660	0.5062	0.5435



Table 7. Continued

Run	Point	CP113	CP114	CP115	CP116	CP117	CP118	CP119	CP120	CP121	CP122	CP123	CP124	CP125	CP126	CP127	CP128	CP129
6	55																	
6	57																	
8	101																	
8	106																	
8	109																	
26	469																	
26	473																	
26	476																	
26	479																	
27	526				0.2912												0.2833	
27	529				0.3084	0.4091											0.3083	
27	532				0.3424	0.3944	0.3823										0.3392	
28	591				0.3612	0.4130	0.4527	0.4537									0.3601	0.4484
25	449				0.3656	0.4087	0.4508	0.4902	0.5958								0.3623	0.4936
28	595				0.3364	0.3881	0.4356	0.4947	0.5391								0.3337	0.5053
28	598				0.3128	0.3584	0.4040	0.4727	0.5447	0.5159							0.3125	0.4817
28	601				0.2945	0.3363	0.3772	0.4469	0.5227	0.5584							0.2927	0.4610
29	664	0.5841	0.5524		0.2264	0.2333	0.2536	0.2919	0.3527	0.4319	0.5207	0.5498	0.5731	0.5829	0.5400		0.2313	0.2908
29	667	0.5706	0.5794	0.5371	0.2123	0.2162	0.2282	0.2590	0.3118	0.3790	0.4688	0.5060	0.5351	0.5621	0.5830	0.5293	0.2148	0.2595

Table 7. Continued

Run	Point	CP130	CP131	CP132	CP133	CP134	CP135	CP136	CP137	CP138	CP139	CP140	CP141	CP142	CP143	CP144	CP145	CP146
6	55																	0.2415
6	57																	0.3064
8	101																	0.3477
8	106																	0.3579
8	109																	0.3891
26	469																	0.4009
26	473																	0.4171
26	476																	0.4216
26	479																	0.4162
27	526																	0.4285
27	529																	0.4324
27	532				0.4023													0.4684
28	591				0.4458	0.4683												0.5457
25	449				0.4628	0.4840	0.4799	0.6277										0.5550
28	595				0.4419	0.4990	0.4926	0.5178	0.5320									0.5903
28	598				0.4128	0.4807	0.4970	0.5191	0.5196	0.5259								0.5956
28	601				0.3836	0.4527	0.4727	0.5150	0.5116	0.5404	0.5532							0.6066
29	664	0.5204	0.5829	0.5543	0.2565	0.2933	0.3169	0.3525	0.3868	0.4284	0.4688	0.4998	0.5297	0.5231	0.5446	0.5494		0.6464
29	667	0.4632	0.5472	0.5921	0.2343	0.2640	0.2814	0.3143	0.3407	0.3798	0.4226	0.4532	0.4952	0.5259	0.5053	0.5387	0.5355	0.6569

Table 7. Continued

Run	Point	CP147	CP148	CP149	CP150	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163
6	55	0.0827	0.0666	0.1488					0.0321	0.0364	0.0387	0.0341	0.0394	0.0434	0.0419	0.0387	0.0334	0.0289
6	57	0.2353	0.2242	0.2778					0.0302	0.0350	0.0368	0.0314	0.0367	0.0425	0.0405	0.0376	0.0330	0.0311
8	101	0.3103	0.2992	0.3312					0.0225	0.0320	0.0309	0.0227	0.0296	0.0428	0.0392	0.0350	0.0312	0.0352
8	106	0.3342	0.3216	0.3434					0.0155	0.0269	0.0276	0.0193	0.0268	0.0406	0.0372	0.0331	0.0294	0.0346
8	109	0.3694	0.3490	0.3660					0.0011	0.0181	0.0220	0.0152	0.0247	0.0397	0.0361	0.0326	0.0288	0.0335
26	469	0.3857		0.3800					-0.0192	-0.0008	0.0112	0.0175	0.0300	0.0341	0.0319	0.0260	0.0176	0.0077
26	473	0.4029		0.3888					-0.0284	-0.0061	0.0079	0.0150	0.0282	0.0333	0.0312	0.0255	0.0180	0.0098
26	476	0.3949		0.3726					-0.0415	-0.0143	0.0024	0.0108	0.0256	0.0329	0.0313	0.0260	0.0195	0.0135
26	479	0.3953		0.3774					-0.0747	-0.0359	-0.0111	0.0020	0.0209	0.0309	0.0307	0.0268	0.0218	0.0174
27	526	0.4117		0.3849	0.2779				-0.0893	-0.0429	-0.0136	-0.0102	0.0031	0.0136	0.0297	0.0320	0.0262	0.0200
27	529	0.4258		0.3965	0.2993				-0.0923	-0.0827	-0.0409	-0.0295	-0.0098	0.0062	0.0246	0.0283	0.0243	0.0208
27	532	0.4721		0.4432	0.3455				0.0483	-0.0957	-0.1284	-0.0900	-0.0479	-0.0186	0.0070	0.0167	0.0172	0.0187
28	591	0.5717		0.5188	0.3534	0.4490			0.1680	0.0901	-0.0771	-0.1957	-0.1223	-0.0618	-0.0370	-0.0209	-0.0108	0.0099
25	449	0.5822		0.5472	0.3505	0.4804			0.1957	0.1471	0.0226	-0.1740	-0.1912	-0.0988	-0.0483	-0.0224	-0.0072	-0.0006
28	595	0.6187		0.5666	0.3217	0.4967			0.2052	0.1914	0.1232	-0.0449	-0.2212	-0.1852	-0.1074	-0.0668	-0.0457	-0.0146
28	598	0.6323		0.5801	0.2963	0.4752			0.2057	0.2100	0.1791	0.0771	-0.1164	-0.2251	-0.1916	-0.1097	-0.0748	-0.0342
28	601	0.6495		0.5922	0.2780	0.4457			0.2002	0.2128	0.2015	0.1387	-0.0035	-0.2004	-0.2503	-0.1683	-0.1018	-0.0532
29	664	0.6861		0.6232	0.2079	0.2841	0.4990	0.5697	0.1618	0.1781	0.1979	0.2112	0.2163	0.1896	0.0882	-0.1283	-0.2941	-0.2527
29	667	0.6893		0.6247	0.1955	0.2543	0.4449	0.5607	0.1505	0.1660	0.1846	0.1996	0.2146	0.2119	0.1591	0.0092	-0.2228	-0.3051

Table 7. Concluded

Run	Point	CP164	CP165
6	55	0.0376	0.0264
6	57	0.0366	0.0289
8	101	0.0321	0.0324
8	106	0.0292	0.0315
8	109	0.0248	0.0302
26	469	0.0152	0.0878
26	473	0.0120	0.1029
26	476	0.0079	0.0977
26	479	-0.0025	0.1020
27	526	-0.0130	0.0149
27	529	-0.0346	0.0147
27	532	-0.1106	0.0117
28	591	-0.1703	0.0059
25	449	-0.0869	-0.0033
28	595	0.0564	-0.0197
28	598	0.1450	-0.0410
28	601	0.1829	-0.0611
29	664	0.2042	-0.2762
29	667	0.1919	-0.3355

Table 8. Pressure Coefficients at  $M_\infty = 0.20$  for Cavity of  $w = 2.4$  in. and  $h = 2.4$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ , psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
30	756	0.20	2.22	25.01	25.71	0.69	96.6	2.00	0.8493	-0.2556	-0.2260	-0.1794	-0.1869	-0.1444	0.0021	-0.0826	-0.0688	-0.0549
30	759	0.20	2.22	25.01	25.71	0.69	96.9	4.00	0.8535	-0.2546	-0.2249	-0.1758	-0.1833	-0.1406	0.0066	-0.0808	-0.0626	-0.0530
31	819	0.20	2.20	24.99	25.69	0.69	100.6	6.00	0.8607	-0.2467	-0.2186	-0.1680	-0.1771	-0.1283	0.0156	-0.0687	-0.0507	-0.0381
31	816	0.20	2.20	24.99	25.69	0.69	101.6	7.00	0.8612	-0.2462	-0.2203	-0.1698	-0.1790	-0.1324	0.0134	-0.0707	-0.0549	-0.0401
31	813	0.20	2.19	25.01	25.71	0.69	103.7	8.00	0.8568	-0.2504	-0.2225	-0.1720	-0.1812	-0.1324	0.0112	-0.0750	-0.0570	-0.0443
32	866	0.20	2.06	22.98	23.63	0.65	96.5	9.00	0.8260	-0.2489	-0.2124	-0.1672	-0.1740	-0.1311	0.0078	-0.0748	-0.0601	-0.0494
32	869	0.20	2.05	22.97	23.62	0.64	96.7	10.00	0.8304	-0.2365	-0.1972	-0.1515	-0.1604	-0.1177	0.0269	-0.0590	-0.0443	-0.0336
33	909	0.20	2.04	22.96	23.61	0.65	101.2	11.00	0.8214	-0.2356	-0.2077	-0.1562	-0.1657	-0.1251	0.0204	-0.0692	-0.0523	-0.0410
33	912	0.20	2.03	22.96	23.61	0.64	101.5	12.00	0.8243	-0.2279	-0.2020	-0.1524	-0.1618	-0.1211	0.0254	-0.0627	-0.0480	-0.0367
34	952	0.20	2.05	22.96	23.62	0.65	98.6	13.00	0.8296	-0.2388	-0.2062	-0.1615	-0.1639	-0.1278	0.0135	-0.0695	-0.0570	-0.0411
34	949	0.20	2.05	22.96	23.62	0.65	98.5	14.00	0.8318	-0.2380	-0.2056	-0.1610	-0.1634	-0.1275	0.0111	-0.0716	-0.0546	-0.0410
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
30	756	-0.0610	-0.0610	1.0057	0.0486	0.0246	-0.0017	0.1584	0.0023	0.0046	0.0840	0.0661	0.0617	0.0356	0.0132	0.0289	0.0333	-0.0363
30	759	-0.0568	-0.0571	1.0129	0.0534	0.0269	0.0027	0.1654	0.0067	0.0070	0.0867	0.0687	0.0664	0.0380	0.0176	0.0313	0.0403	-0.0342
31	819	-0.0495	-0.0509	1.0339	0.0601	0.0375	0.0089	0.2037	0.0168	0.0179	0.0968	0.0777	0.0761	0.0456	0.0271	0.0395	0.0532	-0.0231
31	816	-0.0517	-0.0530	1.0319	0.0599	0.0353	0.0067	0.1929	0.0146	0.0157	0.0944	0.0753	0.0738	0.0455	0.0249	0.0394	0.0531	-0.0253
31	813	-0.0538	-0.0550	1.0231	0.0600	0.0353	0.0046	0.1909	0.0125	0.0113	0.0923	0.0732	0.0716	0.0412	0.0227	0.0372	0.0487	-0.0275
32	866	-0.0570	-0.0569	0.9639	0.0510	0.0225	-0.0036	0.1682	0.0079	0.0067	0.0852	0.0622	0.0613	0.0342	0.0178	0.0328	0.0399	-0.0328
32	869	-0.0405	-0.0391	0.9831	0.0680	0.0407	0.0152	0.1914	0.0242	0.0259	0.0999	0.0790	0.0780	0.0483	0.0341	0.0496	0.0595	-0.0163
33	909	-0.0495	-0.0509	0.9718	0.0602	0.0350	0.0025	0.1955	0.0173	0.0203	0.0888	0.0731	0.0729	0.0384	0.0280	0.0400	0.0508	-0.0257
33	912	-0.0449	-0.0443	0.9756	0.0631	0.0376	0.0049	0.2012	0.0198	0.0277	0.0942	0.0759	0.0758	0.0433	0.0306	0.0403	0.0536	-0.0210
34	952	-0.0496	-0.0465	0.9712	0.0606	0.0307	0.0002	0.1520	0.0151	0.0109	0.0892	0.0734	0.0687	0.0409	0.0259	0.0379	0.0415	-0.0234
34	949	-0.0495	-0.0464	0.9728	0.0603	0.0306	0.0025	0.1493	0.0128	0.0109	0.0889	0.0708	0.0661	0.0431	0.0258	0.0377	0.0413	-0.0233

Table 8. Continued

Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
30	756	0.0016	-0.0616	-0.0564	-0.0339	-0.0180	-0.0185	-0.0362	-0.0228	-0.0185	-0.0326	-0.0317	-0.0394	-0.0109	0.0063	-0.0056	-0.0315	-0.0129
30	759	0.0061	-0.0573	-0.0535	-0.0307	-0.0148	-0.0144	-0.0310	-0.0177	-0.0124	-0.0273	-0.0267	-0.0322	-0.0035	0.0152	0.0007	-0.0295	-0.0118
31	819	0.0185	-0.0451	-0.0444	-0.0203	0.0026	-0.0049	-0.0219	-0.0119	-0.0063	-0.0196	-0.0186	-0.0272	0.0064	0.0239	0.0042	-0.0214	-0.0056
31	816	0.0162	-0.0450	-0.0464	-0.0225	-0.0017	-0.0090	-0.0251	-0.0149	-0.0104	-0.0228	-0.0216	-0.0314	0.0001	0.0140	-0.0010	-0.0235	-0.0024
31	813	0.0140	-0.0495	-0.0494	-0.0257	-0.0049	-0.0120	-0.0293	-0.0169	-0.0125	-0.0249	-0.0246	-0.0366	-0.0062	0.0043	-0.0031	-0.0266	-0.0003
32	866	0.0049	-0.0447	-0.0462	-0.0234	-0.0049	-0.0129	-0.0258	-0.0172	-0.0128	-0.0227	-0.0245	-0.0355	-0.0113	-0.0067	-0.0026	-0.0246	0.0076
32	869	0.0241	-0.0303	-0.0321	-0.0084	0.0125	0.0025	-0.0110	-0.0030	0.0015	-0.0090	-0.0115	-0.0232	0.0000	0.0027	0.0121	-0.0112	0.0236
33	909	0.0170	-0.0389	-0.0414	-0.0203	0.0026	-0.0064	-0.0217	-0.0114	-0.0076	-0.0195	-0.0209	-0.0352	-0.0089	-0.0099	0.0019	-0.0227	0.0148
33	912	0.0219	-0.0342	-0.0383	-0.0157	0.0061	-0.0009	-0.0183	-0.0060	-0.0031	-0.0150	-0.0166	-0.0308	-0.0043	-0.0076	0.0054	-0.0183	0.0172
34	952	0.0076	-0.0414	-0.0437	-0.0238	-0.0077	-0.0096	-0.0229	-0.0125	-0.0119	-0.0207	-0.0220	-0.0342	-0.0145	-0.0192	-0.0069	-0.0239	0.0070
34	949	0.0052	-0.0389	-0.0425	-0.0249	-0.0077	-0.0096	-0.0228	-0.0136	-0.0119	-0.0195	-0.0231	-0.0341	-0.0156	-0.0204	-0.0070	-0.0238	0.0058
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP60	CP61				
30	756	-0.0779	-0.0330	-0.0439	-0.0161	0.0068	-0.0270	-0.0238	0.0122	-0.0077	-0.0117	-0.0463	-0.0166	-0.0348				
30	759	-0.0750	-0.0289	-0.0387	-0.0140	0.0091	-0.0281	-0.0239	0.0270	0.0047	-0.0139	-0.0465	-0.0156	-0.0339				
31	819	-0.0762	-0.0248	-0.0392	-0.0096	0.0184	-0.0231	-0.0188	0.0218	0.0034	-0.0092	-0.0478	-0.0099	-0.0282				
31	816	-0.0760	-0.0300	-0.0424	-0.0064	0.0141	-0.0241	-0.0199	0.0050	-0.0151	-0.0103	-0.0488	-0.0161	-0.0333				
31	813	-0.0697	-0.0342	-0.0455	-0.0032	0.0068	-0.0262	-0.0229	-0.0159	-0.0356	-0.0124	-0.0498	-0.0171	-0.0333				
32	866	-0.0475	-0.0257	-0.0405	0.0055	0.0114	-0.0210	-0.0169	-0.0519	-0.0737	-0.0077	-0.0412	-0.0198	-0.0365				
32	869	-0.0319	0.0013	-0.0291	0.0215	0.0377	-0.0031	0.0010	-0.0499	-0.0696	0.0083	-0.0255	-0.0033	-0.0200				
33	909	-0.0453	-0.0024	-0.0388	0.0117	0.0381	-0.0094	-0.0056	-0.0613	-0.0847	0.0050	-0.0314	-0.0003	-0.0196				
33	912	-0.0444	0.0044	-0.0355	0.0152	0.0452	-0.0026	0.0001	-0.0616	-0.0830	0.0108	-0.0247	0.0053	-0.0153				
34	952	-0.0398	-0.0024	-0.0423	0.0050	0.0304	-0.0161	-0.0144	-0.0750	-0.0927	-0.0052	-0.0337	-0.0090	-0.0241				
34	949	-0.0386	-0.0035	-0.0422	0.0050	0.0280	-0.0194	-0.0155	-0.0770	-0.0936	-0.0098	-0.0370	-0.0123	-0.0262				

Table 8. Continued

Run	Point	CP62	CP63	CP64	CP65	CP66	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
30	756	-0.0604	-0.0171															
30	759	-0.0616	-0.0161	-0.0363	-0.0461	-0.0521	-0.0110	-0.0552										
31	819	-0.0464	-0.0104	-0.0332	-0.0408	-0.0452	-0.0103	-0.0510	-0.0016	-0.0296	-0.0190	-0.0289						
31	816	-0.0543	-0.0164	-0.0341	-0.0446	-0.0493	-0.0174	-0.0541	-0.0066	-0.0347	-0.0251	-0.0331	-0.0390					
31	813	-0.0542	-0.0174	-0.0341	-0.0455	-0.0493	-0.0184	-0.0540	-0.0076	-0.0347	-0.0251	-0.0341	-0.0379	-0.0610				
32	866	-0.0594	-0.0194	-0.0315	-0.0477	-0.0521	-0.0190	-0.0560	-0.0091	-0.0375	-0.0281	-0.0354	-0.0430	-0.0654	-0.0146			
32	869	-0.0436	-0.0031	-0.0284	-0.0311	-0.0344	-0.0015	-0.0406	0.0083	-0.0210	-0.0107	-0.0198	-0.0263	-0.0492	0.0021	-0.0600		
33	909	-0.0350	-0.0010	-0.0238	-0.0327	-0.0389	-0.0029	-0.0415	0.0088	-0.0212	-0.0109	-0.0191	-0.0262	-0.0509	0.0046	-0.0600	-0.0465	0.0001
33	912	-0.0319	0.0045	-0.0196	-0.0276	-0.0346	0.0026	-0.0373	0.0144	-0.0157	-0.0054	-0.0136	-0.0196	-0.0456	0.0091	-0.0550	-0.0424	0.0057
34	952	-0.0361	-0.0096	-0.0271	-0.0328	-0.0357	-0.0105	-0.0417	-0.0019	-0.0245	-0.0174	-0.0236	-0.0296	-0.0488	-0.0054	-0.0560	-0.0434	-0.0086
34	949	-0.0371	-0.0117	-0.0281	-0.0348	-0.0367	-0.0126	-0.0427	-0.0040	-0.0267	-0.0196	-0.0247	-0.0296	-0.0498	-0.0076	-0.0547	-0.0443	-0.0107
Run	Point	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90	CP91	CP92	CP93	CP94	CP95
30	756	0.0423								0.0221	-0.0024	0.0208	0.0440					
30	759	0.0279								0.0318	0.0153	0.0368	0.0390	0.0310	0.0179	0.0686		
31	819	0.0225	-0.1093	-0.0992	0.3144					0.0112	-0.0064	0.0209	0.0397	0.0214	0.0080	-0.0182	-0.0619	0.0012
31	816	-0.0098	0.0140	0.0087	0.0136					-0.0058	-0.0281	-0.0032	0.0218	0.0090	0.0080	0.0140	-0.0162	0.0218
31	813	-0.0431	0.0213	0.0882	0.1929	0.1468				-0.0100	-0.0374	-0.0147	0.0081	0.0029	0.0059	0.0311	0.0315	0.1081
32	866	-0.0785	0.1607	0.2452	0.2970	0.3788	0.4328			0.0130	-0.0231	-0.0010	0.0264	0.0312	0.0398	0.1097	0.1444	0.2307
32	869	-0.0912	0.1996	0.2284	0.2421	0.2709	0.4240	0.5146		0.0280	-0.0142	0.0070	0.0334	0.0392	0.0536	0.1219	0.1487	0.2186
33	909	-0.1703	0.1533	0.1449	0.1541	0.0851	0.1852	0.3235	0.3610	-0.0535	-0.1047	-0.0874	-0.0611	-0.0611	-0.0501	0.0185	0.0536	0.1235
33	912	-0.1746	0.1264	0.1425	0.1353	0.0361	0.0940	0.1627	0.2633	-0.0480	-0.0997	-0.0845	-0.0580	-0.0581	-0.0436	0.0279	0.0563	0.1122
34	952	-0.1731	0.1149	0.1422	0.1262	0.0165	0.0449	0.0723	0.1137	-0.0570	-0.1007	-0.0877	-0.0635	-0.0613	-0.0502	0.0117	0.0482	0.0998
34	949	-0.1670	0.1534	0.1451	0.1269	0.0106	0.0270	0.0402	0.0504	-0.0535	-0.0982	-0.0864	-0.0690	-0.0645	-0.0501	0.0185	0.0593	0.1094

Table 8. Continued

Run	Point	CP96	CP97	CP98	CP99	CP100	CP101	CP102	CP103	CP104	CP105	CP106	CP107	CP108
30	756						0.0245	-0.0037						
30	759						0.0493	0.0015	0.0387					
31	819	0.0501					0.0301	-0.0194	0.0184	0.0070				
31	816	0.0224	0.0471				0.0088	-0.0296	0.0154	0.0165				
31	813	0.1489	0.1804	0.1804			-0.0050	-0.0399	0.0133	0.0556	0.0393			
32	866	0.2637	0.3109	0.3109	0.3096		0.0163	-0.0038	0.0644	0.1664	0.2601			
32	869	0.2215	0.2503	0.2503	0.3203	0.4226	0.0279	0.0018	0.0692	0.1662	0.2512			
33	909	0.1143	0.1153	0.1153	0.1600	0.3038	-0.0506	-0.0789	-0.0145	0.0512	0.0845	0.4258		
33	912	0.0945	0.0867	0.0867	0.0952	0.2050	-0.0474	-0.0760	-0.0091	0.0538	0.0430	0.3962	0.4138	
34	952	0.0862	0.0707	0.0707	0.0482	0.1189	-0.0564	-0.0758	-0.0243	0.0343	0.0123	0.2596	0.3960	0.4268
34	949	0.0905	0.0694	0.0694	0.0314	0.0764	-0.0517	-0.0723	-0.0188	0.0376	0.0020	0.1233	0.2396	0.3830
Run	Point	CP116	CP117	CP118	CP119	CP120	CP128	CP129						
30	756													
30	759													
31	819													
31	816													
31	813													
32	866													
32	869													
33	909	0.3232	0.2650				0.2590							
33	912	0.2939	0.3669	0.2890			0.2491							
34	952	0.1900	0.2951	0.3175	0.3000		0.1527	0.3475						
34	949	0.1139	0.1893	0.2347	0.3121	0.3457	0.0812	0.3542						



Table 8. Continued

Run	Point	CP133	CP134	CP135	CP136	CP137	CP146								
30	756						0.0830								
30	759						0.1948								
31	819						0.2280								
31	816						0.2181								
31	813						0.0657								
32	866						0.6761								
32	869						0.6786								
33	909						0.6505								
33	912	-0.0237					0.6411								
34	952	-0.0272	-0.0191				0.6297								
34	949	-0.0307	-0.0215	-0.0519	-0.0106	-0.0474	0.6254								
Run	Point	CP147	CP149	CP150	CP151	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163
30	756	-0.0249	0.0151			-0.0399	-0.0336	-0.0423	-0.0597	-0.0526	-0.0274	-0.0363	-0.0413	-0.0427	-0.0208
30	759	0.0562	0.1475			-0.0379	-0.0294	-0.0383	-0.0567	-0.0496	-0.0242	-0.0321	-0.0382	-0.0385	-0.0166
31	819	0.1299	0.1843			-0.0354	-0.0259	-0.0335	-0.0556	-0.0445	-0.0210	-0.0280	-0.0327	-0.0339	-0.0146
31	816	0.1967	0.1516			-0.0394	-0.0290	-0.0355	-0.0576	-0.0455	-0.0221	-0.0301	-0.0369	-0.0360	-0.0166
31	813	0.4213	0.2100			-0.0435	-0.0332	-0.0375	-0.0597	-0.0476	-0.0263	-0.0322	-0.0380	-0.0392	-0.0198
32	866	0.6564	0.4055			-0.0504	-0.0427	-0.0492	-0.0655	-0.0536	-0.0337	-0.0364	-0.0413	-0.0426	-0.0240
32	869	0.7302	0.4370			-0.0351	-0.0303	-0.0383	-0.0542	-0.0403	-0.0176	-0.0204	-0.0253	-0.0278	-0.0072
33	909	0.6780	0.4209	-0.0352		-0.0395	-0.0379	-0.0478	-0.0685	-0.0560	-0.0321	-0.0351	-0.0387	-0.0385	-0.0195
33	912	0.6596	0.4202	-0.0297		-0.0265	-0.0268	-0.0425	-0.0654	-0.0540	-0.0287	-0.0330	-0.0354	-0.0340	-0.0150
34	952	0.6537	0.4170	-0.0331	-0.0297	-0.0154	-0.0177	-0.0337	-0.0572	-0.0517	-0.0344	-0.0398	-0.0410	-0.0397	-0.0229
34	949	0.6505	0.4112	-0.0352	-0.0307	-0.0099	-0.0086	-0.0215	-0.0479	-0.0459	-0.0344	-0.0397	-0.0421	-0.0408	-0.0251

Table 8. Concluded

Run	Point	CP164	CP165
30	756	-0.0390	-0.0479
30	759	-0.0370	-0.0427
31	819	-0.0302	-0.0284
31	816	-0.0333	-0.0316
31	813	-0.0354	-0.0315
32	866	-0.0456	-0.0398
32	869	-0.0333	-0.0217
33	909	-0.0470	-0.0305
33	912	-0.0427	-0.0260
34	952	-0.0370	-0.0385
34	949	-0.0268	-0.0373

Table 9. Pressure Coefficients at  $M_\infty = 0.40$  for Cavity of  $w = 2.4$  in. and  $h = 2.4$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ , psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
30	747	0.40	3.60	19.92	22.23	2.22	103.0	1.67	0.8742	-0.2884	-0.2294	-0.1854	-0.1809	-0.1500	-0.0096	-0.0861	-0.0728	-0.0588
30	750	0.40	3.65	19.91	22.24	2.24	99.3	2.00	0.8784	-0.2846	-0.2267	-0.1830	-0.1785	-0.1484	-0.0070	-0.0850	-0.0718	-0.0579
30	753	0.40	3.67	19.91	22.24	2.24	96.6	4.00	0.8780	-0.2860	-0.2276	-0.1833	-0.1802	-0.1488	-0.0090	-0.0842	-0.0704	-0.0565
31	804	0.40	3.64	19.90	22.23	2.24	99.7	6.00	0.8815	-0.2856	-0.2270	-0.1848	-0.1774	-0.1474	-0.0144	-0.0833	-0.0701	-0.0552
31	807	0.40	3.61	19.91	22.22	2.22	101.9	7.00	0.8797	-0.2865	-0.2275	-0.1857	-0.1783	-0.1495	-0.0130	-0.0857	-0.0731	-0.0587
31	810	0.40	3.59	19.92	22.23	2.21	103.6	8.00	0.8786	-0.2870	-0.2284	-0.1864	-0.1797	-0.1507	-0.0157	-0.0873	-0.0739	-0.0588
32	860	0.40	3.71	19.92	22.25	2.24	92.4	9.00	0.8854	-0.2793	-0.2175	-0.1757	-0.1708	-0.1402	-0.0040	-0.0783	-0.0665	-0.0525
32	863	0.40	3.69	19.92	22.24	2.24	94.7	10.00	0.8834	-0.2859	-0.2235	-0.1805	-0.1757	-0.1449	-0.0060	-0.0830	-0.0711	-0.0571
33	903	0.40	3.58	19.92	22.23	2.22	105.8	11.00	0.8823	-0.2838	-0.2213	-0.1801	-0.1732	-0.1451	-0.0043	-0.0827	-0.0700	-0.0550
33	906	0.40	3.55	19.92	22.22	2.20	108.2	12.00	0.8758	-0.2907	-0.2293	-0.1865	-0.1812	-0.1520	-0.0090	-0.0891	-0.0764	-0.0612
34	943	0.40	3.62	19.92	22.23	2.22	100.0	13.00	0.8817	-0.2913	-0.2228	-0.1816	-0.1748	-0.1479	-0.0091	-0.0847	-0.0734	-0.0576
34	946	0.40	3.61	19.91	22.23	2.23	103.0	14.00	0.8801	-0.2939	-0.2259	-0.1849	-0.1775	-0.1500	-0.0153	-0.0871	-0.0745	-0.0594
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
30	747	-0.0569	-0.0533	0.9858	0.0427	0.0237	0.0015	0.0549	-0.0034	-0.0089	0.0840	0.0660	0.0541	0.0437	0.0080	0.0173	0.0000	-0.0381
30	750	-0.0546	-0.0517	0.9898	0.0430	0.0254	0.0027	0.0608	-0.0022	-0.0062	0.0860	0.0682	0.0563	0.0452	0.0097	0.0205	0.0034	-0.0352
30	753	-0.0539	-0.0517	0.9885	0.0429	0.0253	0.0020	0.0620	-0.0016	-0.0076	0.0858	0.0673	0.0561	0.0445	0.0097	0.0197	0.0026	-0.0366
31	804	-0.0538	-0.0492	0.9868	0.0417	0.0229	0.0026	0.0383	-0.0044	-0.0130	0.0838	0.0657	0.0527	0.0450	0.0088	0.0169	-0.0023	-0.0352
31	807	-0.0567	-0.0527	0.9877	0.0407	0.0218	0.0014	0.0380	-0.0049	-0.0137	0.0823	0.0648	0.0524	0.0440	0.0083	0.0164	-0.0036	-0.0367
31	810	-0.0576	-0.0528	0.9844	0.0396	0.0200	0.0001	0.0383	-0.0062	-0.0150	0.0814	0.0638	0.0507	0.0416	0.0064	0.0145	-0.0042	-0.0381
32	860	-0.0494	-0.0453	0.9890	0.0509	0.0288	0.0083	0.0489	0.0021	-0.0043	0.0901	0.0711	0.0583	0.0495	0.0142	0.0238	0.0046	-0.0300
32	863	-0.0536	-0.0499	0.9931	0.0495	0.0269	0.0063	0.0457	-0.0006	-0.0063	0.0888	0.0691	0.0569	0.0481	0.0122	0.0210	0.0018	-0.0334
33	903	-0.0517	-0.0471	0.9907	0.0460	0.0258	0.0049	0.0408	-0.0004	-0.0043	0.0867	0.0697	0.0556	0.0473	0.0121	0.0208	0.0003	-0.0322
33	906	-0.0588	-0.0552	0.9803	0.0394	0.0188	-0.0025	0.0418	-0.0077	-0.0098	0.0790	0.0613	0.0493	0.0396	0.0049	0.0141	-0.0052	-0.0399
34	943	-0.0545	-0.0491	0.9854	0.0453	0.0232	0.0035	0.0273	-0.0030	-0.0099	0.0854	0.0663	0.0530	0.0460	0.0101	0.0181	-0.0046	-0.0343
34	946	-0.0564	-0.0509	0.9826	0.0437	0.0210	0.0021	0.0296	-0.0051	-0.0134	0.0828	0.0646	0.0520	0.0437	0.0080	0.0158	-0.0053	-0.0362

Table 9. Continued

Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
30	747	-0.0208	-0.0613	-0.0468	-0.0365	-0.0295	-0.0255	-0.0274	-0.0224	-0.0196	-0.0233	-0.0274	-0.0240	-0.0142	-0.0072	-0.0150	-0.0228	-0.0200
30	750	-0.0181	-0.0596	-0.0447	-0.0341	-0.0268	-0.0233	-0.0247	-0.0202	-0.0177	-0.0223	-0.0258	-0.0230	-0.0132	-0.0039	-0.0141	-0.0224	-0.0187
30	753	-0.0174	-0.0602	-0.0456	-0.0340	-0.0268	-0.0236	-0.0253	-0.0205	-0.0174	-0.0219	-0.0251	-0.0217	-0.0093	0.0008	-0.0135	-0.0240	-0.0223
31	804	-0.0245	-0.0593	-0.0422	-0.0335	-0.0263	-0.0235	-0.0242	-0.0206	-0.0183	-0.0209	-0.0242	-0.0189	-0.0095	-0.0012	-0.0146	-0.0199	-0.0220
31	807	-0.0252	-0.0603	-0.0436	-0.0352	-0.0277	-0.0241	-0.0242	-0.0203	-0.0174	-0.0199	-0.0242	-0.0199	-0.0127	-0.0096	-0.0159	-0.0196	-0.0164
31	810	-0.0259	-0.0618	-0.0453	-0.0373	-0.0294	-0.0263	-0.0272	-0.0241	-0.0215	-0.0245	-0.0293	-0.0257	-0.0202	-0.0215	-0.0197	-0.0229	-0.0098
32	860	-0.0171	-0.0519	-0.0367	-0.0283	-0.0206	-0.0175	-0.0186	-0.0149	-0.0131	-0.0154	-0.0221	-0.0204	-0.0177	-0.0234	-0.0121	-0.0156	0.0025
32	863	-0.0205	-0.0547	-0.0399	-0.0316	-0.0236	-0.0203	-0.0209	-0.0165	-0.0150	-0.0174	-0.0240	-0.0213	-0.0209	-0.0291	-0.0140	-0.0178	-0.0001
33	903	-0.0212	-0.0548	-0.0396	-0.0312	-0.0238	-0.0206	-0.0207	-0.0183	-0.0176	-0.0198	-0.0264	-0.0242	-0.0245	-0.0352	-0.0176	-0.0199	-0.0031
33	906	-0.0274	-0.0621	-0.0478	-0.0397	-0.0316	-0.0286	-0.0294	-0.0266	-0.0253	-0.0285	-0.0361	-0.0348	-0.0338	-0.0435	-0.0261	-0.0297	-0.0129
34	943	-0.0260	-0.0570	-0.0422	-0.0352	-0.0291	-0.0238	-0.0234	-0.0208	-0.0208	-0.0224	-0.0293	-0.0275	-0.0291	-0.0410	-0.0221	-0.0238	-0.0083
34	946	-0.0273	-0.0589	-0.0443	-0.0365	-0.0308	-0.0260	-0.0257	-0.0221	-0.0221	-0.0238	-0.0315	-0.0314	-0.0327	-0.0457	-0.0253	-0.0267	-0.0113
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP60	CP61				
30	747	-0.0412	-0.0279	-0.0278	-0.0187	-0.0135	-0.0269	-0.0252	-0.0026	-0.0108	-0.0238	-0.0337	-0.0235	-0.0288				
30	750	-0.0398	-0.0259	-0.0265	-0.0168	-0.0113	-0.0227	-0.0226	0.0093	0.0045	-0.0181	-0.0287	-0.0184	-0.0243				
30	753	-0.0414	-0.0268	-0.0264	-0.0194	-0.0116	-0.0230	-0.0239	0.0118	0.0118	-0.0188	-0.0297	-0.0209	-0.0272				
31	804	-0.0331	-0.0275	-0.0247	-0.0196	-0.0155	-0.0282	-0.0271	0.0015	-0.0023	-0.0253	-0.0331	-0.0249	-0.0283				
31	807	-0.0315	-0.0305	-0.0260	-0.0137	-0.0188	-0.0286	-0.0278	-0.0183	-0.0192	-0.0273	-0.0351	-0.0297	-0.0331				
31	810	-0.0221	-0.0374	-0.0304	-0.0051	-0.0250	-0.0309	-0.0291	-0.0455	-0.0507	-0.0286	-0.0365	-0.0284	-0.0325				
32	860	-0.0037	-0.0192	-0.0232	0.0078	-0.0081	-0.0155	-0.0159	-0.0674	-0.0699	-0.0121	-0.0207	-0.0157	-0.0202				
32	863	-0.0037	-0.0091	-0.0262	0.0045	0.0013	-0.0197	-0.0178	-0.0846	-0.0827	-0.0164	-0.0243	-0.0202	-0.0244				
33	903	-0.0033	-0.0015	-0.0268	0.0016	0.0077	-0.0144	-0.0158	-0.0935	-0.0890	-0.0123	-0.0192	-0.0167	-0.0211				
33	906	-0.0157	-0.0074	-0.0359	-0.0079	0.0026	-0.0242	-0.0223	-0.1012	-0.0988	-0.0220	-0.0298	-0.0209	-0.0250				
34	943	-0.0072	-0.0022	-0.0368	-0.0036	0.0061	-0.0202	-0.0203	-0.1008	-0.0968	-0.0183	-0.0238	-0.0203	-0.0233				
34	946	-0.0122	-0.0065	-0.0407	-0.0073	0.0020	-0.0235	-0.0248	-0.1063	-0.0997	-0.0216	-0.0274	-0.0250	-0.0284				

Table 9. Continued

Run	Point	CP62	CP63	CP64	CP65	CP66	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
30	747	-0.0358	-0.0231															
30	750	-0.0323	-0.0187															
30	753	-0.0363	-0.0221	-0.0277	-0.0324	-0.0338	-0.0216	-0.0335										
31	804	-0.0292	-0.0241	-0.0299	-0.0296	-0.0327	-0.0239	-0.0320	-0.0216	-0.0281	-0.0263	-0.0281						
31	807	-0.0372	-0.0295	-0.0302	-0.0351	-0.0338	-0.0293	-0.0362	-0.0260	-0.0326	-0.0304	-0.0327	-0.0336					
31	810	-0.0373	-0.0286	-0.0312	-0.0349	-0.0345	-0.0290	-0.0360	-0.0257	-0.0327	-0.0308	-0.0324	-0.0336	-0.0389				
32	860	-0.0270	-0.0168	-0.0231	-0.0250	-0.0270	-0.0170	-0.0262	-0.0132	-0.0215	-0.0190	-0.0210	-0.0228	-0.0289	-0.0156			
32	863	-0.0249	-0.0199	-0.0247	-0.0275	-0.0270	-0.0195	-0.0294	-0.0163	-0.0244	-0.0219	-0.0236	-0.0254	-0.0311	-0.0178	-0.0339		
33	903	-0.0259	-0.0190	-0.0215	-0.0253	-0.0249	-0.0193	-0.0253	-0.0151	-0.0213	-0.0194	-0.0208	-0.0216	-0.0260	-0.0158	-0.0279	-0.0247	-0.0162
33	906	-0.0287	-0.0209	-0.0237	-0.0278	-0.0295	-0.0212	-0.0296	-0.0182	-0.0252	-0.0233	-0.0247	-0.0265	-0.0322	-0.0200	-0.0342	-0.0307	-0.0210
34	943	-0.0268	-0.0212	-0.0240	-0.0265	-0.0265	-0.0215	-0.0263	-0.0179	-0.0232	-0.0217	-0.0228	-0.0238	-0.0277	-0.0193	-0.0289	-0.0265	-0.0203
34	946	-0.0317	-0.0259	-0.0278	-0.0316	-0.0317	-0.0266	-0.0318	-0.0233	-0.0286	-0.0270	-0.0283	-0.0297	-0.0330	-0.0242	-0.0341	-0.0315	-0.0248
Run	Point	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90	CP91	CP92	CP93	CP94	CP95
30	747	0.0850								-0.0135	-0.0208	-0.0068	0.0017					
30	750	0.0224								-0.0109	-0.0182	-0.0069	0.0139					
30	753	0.0046								-0.0063	-0.0044	0.0041	-0.0008	-0.0098	-0.0182	0.0311		
31	804	-0.0015	-0.1123	-0.1045	0.2356					-0.0159	-0.0137	-0.0062	-0.0053	-0.0082	-0.0183	-0.0275	-0.0310	0.0044
31	807	-0.0251	-0.0030	0.0619	0.0976					-0.0195	-0.0230	-0.0179	-0.0141	-0.0136	-0.0082	0.0086	0.0282	0.0648
31	810	-0.0663	0.0590	0.1509	0.2366	0.3132				-0.0248	-0.0372	-0.0336	-0.0240	-0.0181	-0.0052	0.0466	0.1025	0.1610
32	860	-0.1030	0.1442	0.2277	0.2619	0.4256	0.4781			-0.0077	-0.0186	-0.0097	0.0119	0.0281	0.0404	0.1081	0.1665	0.2257
32	863	-0.1124	0.1520	0.2172	0.2144	0.2702	0.4126	0.4851		-0.0077	-0.0219	-0.0146	0.0005	0.0191	0.0358	0.1014	0.1546	0.1957
33	903	-0.1538	0.1527	0.1776	0.1522	0.1373	0.2173	0.3612	0.4273	-0.0396	-0.0633	-0.0625	-0.0506	-0.0378	-0.0184	0.0470	0.1068	0.1471
33	906	-0.1664	0.1600	0.1586	0.1287	0.0758	0.1108	0.1759	0.3084	-0.0474	-0.0776	-0.0793	-0.0704	-0.0609	-0.0438	0.0274	0.0936	0.1267
34	943	-0.1562	0.1470	0.1765	0.1232	0.0618	0.0689	0.0919	0.1555	-0.0409	-0.0617	-0.0622	-0.0461	-0.0342	-0.0122	0.0514	0.1043	0.1295
34	946	-0.1604	0.1388	0.1614	0.1206	0.0457	0.0440	0.0454	0.0714	-0.0454	-0.0683	-0.0689	-0.0568	-0.0448	-0.0305	0.0337	0.0904	0.1204

Table 9. Continued

Run	Point	CP96	CP97	CP98	CP99	CP100	CP101	CP102	CP103	CP104	CP105	CP106	CP107	CP108
30	747						-0.0074	-0.0053						
30	750						-0.0055	-0.0054						
30	753						0.0089	-0.0074	0.0047					
31	804	0.0595					-0.0022	-0.0129	-0.0080	-0.0090				
31	807	0.0931	0.1111				-0.0146	-0.0179	-0.0057	0.0287				
31	810	0.2094	0.2508	0.2508			-0.0282	-0.0285	-0.0047	0.0910	0.1185			
32	860	0.2639	0.3125	0.3125	0.3433		-0.0067	0.0100	0.0568	0.1539	0.3025			
32	863	0.2103	0.2356	0.2356	0.3121	0.4028	-0.0120	0.0023	0.0480	0.1427	0.2702			
33	903	0.1487	0.1510	0.1510	0.1914	0.3269	-0.0431	-0.0304	0.0005	0.0819	0.1504	0.4658		
33	906	0.1195	0.1107	0.1107	0.1022	0.2077	-0.0503	-0.0447	-0.0160	0.0641	0.0868	0.4182	0.4203	
34	943	0.1165	0.0998	0.0998	0.0651	0.1315	-0.0448	-0.0311	-0.0068	0.0524	0.0548	0.2835	0.4457	0.4414
34	946	0.1108	0.0881	0.0881	0.0398	0.0781	-0.0493	-0.0384	-0.0116	0.0560	0.0399	0.1352	0.2521	0.4130
Run	Point	CP113	CP114	CP115	CP116	CP117	CP118	CP119	CP120	CP128	CP129			
30	747	-0.0260	-0.0373	-0.0337										
30	750	-0.0237	-0.0349	-0.0313										
30	753	-0.0264	-0.0382	-0.0351										
31	804	-0.0286	-0.0360	-0.0337										
31	807	-0.0298	-0.0376	-0.0353										
31	810	-0.0306	-0.0384	-0.0362										
32	860	-0.0165	-0.0256	-0.0237										
32	863	-0.0208	-0.0286	-0.0263										
33	903	-0.0185	-0.0251	-0.0232	0.3763	0.3090				0.3395				
33	906	-0.0248	-0.0331	-0.0302	0.3128	0.3758	0.3382			0.2858				
34	943	-0.0220	-0.0266	-0.0251	0.2112	0.3047	0.3622	0.3524		0.1800	0.3855			
34	946				0.1240	0.1924	0.2628	0.3453	0.3688	0.1034	0.3673			

Table 9. Continued

Run	Point	CP133	CP134	CP135	CP136	CP137	CP146								
30	747						0.0629								
30	750						0.1139								
30	753						0.2143								
31	804						0.0161								
31	807						0.1741								
31	810						0.3493								
32	860						0.7253								
32	863						0.7009								
33	903						0.6871								
33	906	-0.0272					0.6623								
34	943	-0.0237	-0.0221				0.6707								
34	946	-0.0279	-0.0255	-0.0325	-0.0241	-0.0322	0.6467								
Run	Point	CP147	CP149	CP150	CP151	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163
30	747	-0.0250	0.0312			-0.0311	-0.0291	-0.0308	-0.0382	-0.0366	-0.0298	-0.0321	-0.0351	-0.0375	-0.0319
30	750	0.0030	0.0604			-0.0284	-0.0268	-0.0288	-0.0364	-0.0352	-0.0280	-0.0303	-0.0333	-0.0357	-0.0305
30	753	0.0783	0.1747			-0.0294	-0.0280	-0.0297	-0.0377	-0.0364	-0.0294	-0.0316	-0.0353	-0.0373	-0.0318
31	804	0.1623	0.1908			-0.0286	-0.0266	-0.0258	-0.0321	-0.0304	-0.0267	-0.0277	-0.0310	-0.0323	-0.0308
31	807	0.2804	0.1832			-0.0322	-0.0293	-0.0280	-0.0342	-0.0321	-0.0281	-0.0295	-0.0324	-0.0337	-0.0315
31	810	0.6299	0.3481			-0.0384	-0.0343	-0.0325	-0.0382	-0.0357	-0.0311	-0.0318	-0.0341	-0.0348	-0.0309
32	860	0.7556	0.4635			-0.0367	-0.0345	-0.0334	-0.0371	-0.0327	-0.0269	-0.0273	-0.0298	-0.0318	-0.0287
32	863	0.7474	0.4788			-0.0402	-0.0407	-0.0391	-0.0424	-0.0373	-0.0306	-0.0299	-0.0321	-0.0334	-0.0300
33	903	0.7261	0.4721	-0.0223		-0.0324	-0.0380	-0.0399	-0.0449	-0.0411	-0.0353	-0.0337	-0.0335	-0.0341	-0.0314
33	906	0.6974	0.4526	-0.0286		-0.0292	-0.0394	-0.0484	-0.0572	-0.0541	-0.0472	-0.0455	-0.0443	-0.0449	-0.0407
34	943	0.7419	0.4643	-0.0246	-0.0237	-0.0096	-0.0188	-0.0300	-0.0436	-0.0451	-0.0424	-0.0417	-0.0418	-0.0404	-0.0363
34	946	0.6811	0.4597	-0.0295	-0.0287	-0.0071	-0.0109	-0.0194	-0.0364	-0.0443	-0.0460	-0.0469	-0.0474	-0.0457	-0.0418

Table 9. Concluded

Run	Point	CP164	CP165
30	747	-0.0305	-0.0416
30	750	-0.0284	-0.0401
30	753	-0.0294	-0.0414
31	804	-0.0257	-0.0344
31	807	-0.0277	-0.0361
31	810	-0.0320	-0.0369
32	860	-0.0314	-0.0338
32	863	-0.0373	-0.0354
33	903	-0.0396	-0.0342
33	906	-0.0503	-0.0440
34	943	-0.0353	-0.0415
34	946	-0.0257	-0.0460



Table 10. Pressure Coefficients at  $M_\infty = 0.60$  for Cavity of  $w = 2.4$  in. and  $h = 2.4$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ , psi	$p_{t,\infty}$ psi	$q_\infty$ , psi	$T_{t,\infty}$ °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
30	739	0.60	4.73	16.33	20.86	4.14	98.5	2.00	0.9718	-0.3321	-0.2586	-0.2125	-0.2028	-0.1702	-0.0162	-0.0974	-0.0821	-0.0661
30	743	0.60	4.73	16.33	20.87	4.14	98.3	4.00	0.9712	-0.3320	-0.2589	-0.2128	-0.2032	-0.1705	-0.0158	-0.0970	-0.0821	-0.0664
31	801	0.60	4.69	16.34	20.82	4.10	99.6	6.00	0.9715	-0.3324	-0.2597	-0.2140	-0.2029	-0.1709	-0.0223	-0.0966	-0.0820	-0.0653
31	798	0.60	4.68	16.33	20.80	4.09	99.6	7.00	0.9711	-0.3313	-0.2587	-0.2128	-0.2013	-0.1692	-0.0205	-0.0966	-0.0826	-0.0662
31	795	0.60	4.70	16.35	20.85	4.11	99.8	8.00	0.9689	-0.3315	-0.2593	-0.2136	-0.2030	-0.1713	-0.0219	-0.0979	-0.0829	-0.0666
32	854	0.60	4.71	16.35	20.84	4.11	98.3	9.00	0.9724	-0.3267	-0.2550	-0.2092	-0.2004	-0.1672	-0.0162	-0.0944	-0.0805	-0.0651
32	857	0.60	4.71	16.35	20.84	4.11	98.2	10.00	0.9735	-0.3281	-0.2560	-0.2101	-0.2017	-0.1684	-0.0163	-0.0956	-0.0813	-0.0662
33	897	0.60	4.70	16.33	20.85	4.13	100.1	11.00	0.9765	-0.3284	-0.2575	-0.2131	-0.2032	-0.1721	-0.0182	-0.0998	-0.0851	-0.0692
33	900	0.60	4.68	16.33	20.80	4.09	99.7	12.00	0.9768	-0.3207	-0.2494	-0.2053	-0.1959	-0.1651	-0.0099	-0.0934	-0.0790	-0.0627
34	940	0.60	4.71	16.34	20.85	4.13	98.9	13.00	0.9743	-0.3289	-0.2511	-0.2077	-0.1977	-0.1671	-0.0131	-0.0944	-0.0813	-0.0643
34	937	0.60	4.71	16.35	20.85	4.12	98.6	14.00	0.9702	-0.3364	-0.2586	-0.2156	-0.2050	-0.1741	-0.0220	-0.1012	-0.0872	-0.0705
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
30	739	-0.0620	-0.0566	1.0462	0.0562	0.0267	0.0051	0.0346	-0.0024	-0.0154	0.0996	0.0769	0.0606	0.0501	0.0069	0.0156	-0.0141	-0.0488
30	743	-0.0627	-0.0573	1.0442	0.0554	0.0260	0.0048	0.0332	-0.0027	-0.0158	0.0989	0.0758	0.0595	0.0494	0.0065	0.0152	-0.0145	-0.0488
31	801	-0.0618	-0.0559	1.0442	0.0533	0.0262	0.0050	0.0284	-0.0030	-0.0213	0.0992	0.0764	0.0594	0.0499	0.0067	0.0145	-0.0155	-0.0485
31	798	-0.0627	-0.0571	1.0433	0.0542	0.0270	0.0062	0.0292	-0.0023	-0.0202	0.0998	0.0767	0.0603	0.0504	0.0074	0.0156	-0.0144	-0.0480
31	795	-0.0632	-0.0579	1.0404	0.0514	0.0251	0.0047	0.0287	-0.0037	-0.0212	0.0979	0.0749	0.0583	0.0487	0.0056	0.0141	-0.0162	-0.0496
32	854	-0.0618	-0.0564	1.0421	0.0559	0.0283	0.0070	0.0396	-0.0009	-0.0157	0.1006	0.0774	0.0613	0.0505	0.0082	0.0170	-0.0117	-0.0482
32	857	-0.0630	-0.0572	1.0448	0.0556	0.0280	0.0063	0.0397	-0.0013	-0.0157	0.1006	0.0770	0.0609	0.0501	0.0082	0.0170	-0.0121	-0.0479
33	897	-0.0660	-0.0599	1.0436	0.0524	0.0229	0.0022	0.0262	-0.0058	-0.0191	0.0958	0.0735	0.0561	0.0471	0.0041	0.0123	-0.0189	-0.0517
33	900	-0.0588	-0.0533	1.0460	0.0588	0.0294	0.0088	0.0323	0.0006	-0.0103	0.1021	0.0799	0.0627	0.0536	0.0109	0.0187	-0.0119	-0.0447
34	940	-0.0601	-0.0539	1.0440	0.0599	0.0292	0.0091	0.0231	-0.0004	-0.0135	0.1014	0.0790	0.0623	0.0536	0.0105	0.0171	-0.0144	-0.0454
34	937	-0.0666	-0.0601	1.0350	0.0533	0.0226	0.0025	0.0158	-0.0066	-0.0225	0.0938	0.0722	0.0544	0.0464	0.0033	0.0108	-0.0213	-0.0519

Table 10. Continued

Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
30	739	-0.0381	-0.0730	-0.0481	-0.0401	-0.0343	-0.0289	-0.0276	-0.0240	-0.0213	-0.0247	-0.0301	-0.0248	-0.0197	-0.0127	-0.0223	-0.0273	-0.0280
30	743	-0.0388	-0.0738	-0.0486	-0.0401	-0.0351	-0.0296	-0.0277	-0.0240	-0.0222	-0.0254	-0.0308	-0.0220	-0.0164	-0.0114	-0.0207	-0.0259	-0.0306
31	801	-0.0413	-0.0732	-0.0481	-0.0407	-0.0347	-0.0299	-0.0282	-0.0259	-0.0235	-0.0260	-0.0318	-0.0252	-0.0205	-0.0164	-0.0238	-0.0264	-0.0267
31	798	-0.0399	-0.0720	-0.0472	-0.0400	-0.0333	-0.0288	-0.0274	-0.0253	-0.0231	-0.0254	-0.0312	-0.0251	-0.0230	-0.0231	-0.0243	-0.0254	-0.0176
31	795	-0.0412	-0.0739	-0.0492	-0.0425	-0.0359	-0.0314	-0.0301	-0.0274	-0.0252	-0.0280	-0.0343	-0.0290	-0.0290	-0.0329	-0.0270	-0.0283	-0.0136
32	854	-0.0376	-0.0705	-0.0473	-0.0389	-0.0315	-0.0276	-0.0267	-0.0257	-0.0244	-0.0269	-0.0348	-0.0318	-0.0311	-0.0376	-0.0272	-0.0291	-0.0098
32	857	-0.0372	-0.0706	-0.0480	-0.0402	-0.0329	-0.0284	-0.0281	-0.0260	-0.0248	-0.0275	-0.0357	-0.0329	-0.0341	-0.0433	-0.0284	-0.0312	-0.0125
33	897	-0.0437	-0.0751	-0.0506	-0.0439	-0.0375	-0.0320	-0.0309	-0.0287	-0.0278	-0.0304	-0.0389	-0.0349	-0.0382	-0.0500	-0.0332	-0.0353	-0.0180
33	900	-0.0370	-0.0678	-0.0438	-0.0374	-0.0299	-0.0250	-0.0235	-0.0215	-0.0208	-0.0232	-0.0324	-0.0296	-0.0328	-0.0453	-0.0270	-0.0291	-0.0128
34	940	-0.0396	-0.0687	-0.0453	-0.0399	-0.0363	-0.0292	-0.0270	-0.0240	-0.0231	-0.0245	-0.0329	-0.0302	-0.0348	-0.0482	-0.0292	-0.0304	-0.0158
34	937	-0.0464	-0.0757	-0.0520	-0.0464	-0.0418	-0.0344	-0.0328	-0.0304	-0.0301	-0.0318	-0.0409	-0.0386	-0.0422	-0.0551	-0.0375	-0.0382	-0.0237
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP60	CP61				
30	739	-0.0418	-0.0360	-0.0294	-0.0261	-0.0273	-0.0292	-0.0292	0.0005	0.0012	-0.0272	-0.0327	-0.0265	-0.0295				
30	743	-0.0430	-0.0367	-0.0271	-0.0277	-0.0277	-0.0311	-0.0294	-0.0049	-0.0021	-0.0292	-0.0346	-0.0284	-0.0311				
31	801	-0.0385	-0.0417	-0.0302	-0.0232	-0.0335	-0.0364	-0.0347	-0.0211	-0.0210	-0.0345	-0.0390	-0.0326	-0.0343				
31	798	-0.0318	-0.0468	-0.0309	-0.0129	-0.0388	-0.0325	-0.0329	-0.0329	-0.0384	-0.0301	-0.0347	-0.0322	-0.0346				
31	795	-0.0180	-0.0526	-0.0347	-0.0076	-0.0450	-0.0349	-0.0344	-0.0628	-0.0680	-0.0338	-0.0384	-0.0341	-0.0363				
32	854	-0.0077	-0.0375	-0.0349	-0.0034	-0.0296	-0.0278	-0.0285	-0.0882	-0.0863	-0.0257	-0.0318	-0.0283	-0.0312				
32	857	-0.0082	-0.0205	-0.0370	-0.0060	-0.0124	-0.0298	-0.0289	-0.1010	-0.0968	-0.0279	-0.0338	-0.0290	-0.0321				
33	897	-0.0106	-0.0125	-0.0397	-0.0115	-0.0067	-0.0301	-0.0300	-0.1137	-0.1064	-0.0300	-0.0342	-0.0323	-0.0346				
33	900	-0.0065	-0.0031	-0.0334	-0.0067	0.0030	-0.0210	-0.0205	-0.1078	-0.0999	-0.0205	-0.0242	-0.0217	-0.0239				
34	940	-0.0080	-0.0063	-0.0428	-0.0094	-0.0010	-0.0259	-0.0240	-0.1155	-0.1032	-0.0250	-0.0274	-0.0239	-0.0252				
34	937	-0.0169	-0.0168	-0.0490	-0.0173	-0.0119	-0.0330	-0.0333	-0.1224	-0.1119	-0.0319	-0.0345	-0.0330	-0.0346				

Table 10. Continued

Run	Point	CP62	CP63	CP64	CP65	CP66	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
30	739	-0.0337	-0.0265															
30	743	-0.0346	-0.0274	-0.0314	-0.0318	-0.0334	-0.0266	-0.0337										
31	801	-0.0359	-0.0317	-0.0353	-0.0346	-0.0384	-0.0314	-0.0366	-0.0310	-0.0348	-0.0338	-0.0350						
31	798	-0.0376	-0.0328	-0.0344	-0.0363	-0.0371	-0.0327	-0.0367	-0.0309	-0.0347	-0.0336	-0.0345	-0.0352					
31	795	-0.0394	-0.0349	-0.0364	-0.0388	-0.0403	-0.0352	-0.0390	-0.0331	-0.0370	-0.0358	-0.0372	-0.0380	-0.0403				
32	854	-0.0353	-0.0283	-0.0322	-0.0333	-0.0350	-0.0283	-0.0344	-0.0260	-0.0314	-0.0298	-0.0313	-0.0325	-0.0364	-0.0274			
32	857	-0.0367	-0.0297	-0.0321	-0.0352	-0.0356	-0.0297	-0.0359	-0.0274	-0.0330	-0.0312	-0.0330	-0.0343	-0.0382	-0.0292	-0.0400		
33	897	-0.0365	-0.0326	-0.0310	-0.0359	-0.0344	-0.0327	-0.0362	-0.0301	-0.0339	-0.0328	-0.0337	-0.0341	-0.0367	-0.0302	-0.0370	-0.0352	-0.0298
33	900	-0.0258	-0.0213	-0.0254	-0.0243	-0.0228	-0.0211	-0.0253	-0.0194	-0.0231	-0.0221	-0.0229	-0.0235	-0.0262	-0.0202	-0.0271	-0.0254	-0.0203
34	940	-0.0262	-0.0233	-0.0277	-0.0252	-0.0240	-0.0230	-0.0263	-0.0224	-0.0248	-0.0241	-0.0246	-0.0252	-0.0275	-0.0231	-0.0277	-0.0265	-0.0235
34	937	-0.0360	-0.0339	-0.0329	-0.0362	-0.0360	-0.0342	-0.0357	-0.0324	-0.0349	-0.0345	-0.0347	-0.0355	-0.0371	-0.0333	-0.0373	-0.0364	-0.0336
Run	Point	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90	CP91	CP92	CP93	CP94	CP95
30	739	0.0036								-0.0267	-0.0324	-0.0254	-0.0044					
30	743	-0.0281								-0.0220	-0.0199	-0.0160	-0.0015	0.0036	0.0349	0.0814		
31	801	-0.0428	0.0148	0.0503	0.2099					-0.0315	-0.0317	-0.0289	-0.0232	-0.0232	-0.0111	0.0165	0.0438	0.0718
31	798	-0.0530	0.0261	0.1407	0.1989					-0.0336	-0.0378	-0.0333	-0.0272	-0.0167	-0.0049	0.0358	0.0831	0.1394
31	795	-0.0995	0.0802	0.1897	0.2781	0.3729				-0.0398	-0.0533	-0.0543	-0.0461	-0.0387	-0.0206	0.0389	0.1188	0.1965
32	854	-0.1242	0.1301	0.2104	0.2483	0.4113	0.4690			-0.0304	-0.0462	-0.0432	-0.0289	-0.0153	-0.0003	0.0756	0.1506	0.2136
32	857	-0.1438	0.1218	0.2110	0.1991	0.2661	0.4261	0.4749		-0.0327	-0.0536	-0.0531	-0.0421	-0.0263	-0.0019	0.0674	0.1315	0.1795
33	897	-0.1622	0.1320	0.1862	0.1517	0.1396	0.2220	0.3730	0.4655	-0.0495	-0.0728	-0.0745	-0.0619	-0.0509	-0.0326	0.0371	0.1075	0.1508
33	900	-0.1645	0.1564	0.1755	0.1379	0.0913	0.1203	0.1929	0.3485	-0.0367	-0.0599	-0.0610	-0.0520	-0.0373	-0.0188	0.0486	0.1112	0.1441
34	940	-0.1628	0.1438	0.1850	0.1363	0.0694	0.0713	0.0899	0.1621	-0.0351	-0.0556	-0.0575	-0.0459	-0.0319	-0.0126	0.0528	0.1133	0.1410
34	937	-0.1691	0.1245	0.1716	0.1269	0.0451	0.0402	0.0383	0.0695	-0.0463	-0.0653	-0.0660	-0.0551	-0.0379	-0.0240	0.0370	0.0942	0.1242

Table 10. Continued

Run	Point	CP96	CP97	CP98	CP99	CP100	CP101	CP102	CP103	CP104	CP105	CP106	CP107	CP108
30	739						-0.0197	-0.0011						
30	743						-0.0174	0.0061	0.0345					
31	801	0.0914					-0.0253	-0.0226	-0.0127	0.0072				
31	798	0.1784	0.1869				-0.0331	-0.0267	-0.0086	0.0384				
31	795	0.2571	0.3063	0.3063			-0.0399	-0.0260	-0.0028	0.0896	0.1154			
32	854	0.2515	0.3103	0.3103	0.3643		-0.0254	-0.0057	0.0381	0.1465	0.3053			
32	857	0.1985	0.2308	0.2308	0.3311	0.4234	-0.0310	-0.0093	0.0303	0.1235	0.2745			
33	897	0.1524	0.1520	0.1520	0.2034	0.3437	-0.0486	-0.0297	0.0020	0.0806	0.1627	0.4663		
33	900	0.1378	0.1255	0.1255	0.1221	0.2309	-0.0419	-0.0234	0.0062	0.0786	0.1044	0.4629	0.4424	
34	940	0.1302	0.1094	0.1094	0.0716	0.1342	-0.0430	-0.0235	0.0035	0.0710	0.0646	0.3008	0.4470	0.4571
34	937	0.1141	0.0917	0.0917	0.0368	0.0737	-0.0520	-0.0331	-0.0054	0.0580	0.0385	0.1291	0.2490	0.4202
Run	Point	CP116	CP117	CP118	CP119	CP120	CP128	CP129						
30	739													
30	743													
31	801													
31	798													
31	795													
32	854													
32	857													
33	897	0.4047	0.3462				0.3649							
33	900	0.3455	0.4053	0.3646			0.3127							
34	940	0.2194	0.3195	0.3837	0.3851		0.1976	0.4144						
34	937	0.1167	0.1892	0.2700	0.3587	0.3885	0.0975	0.3802						

Table 10. Continued

Run	Point	CP133	CP134	CP135	CP136	CP137	CP146								
30	739						0.1133								
30	743						0.2702								
31	801						0.5556								
31	798						0.6825								
31	795						0.7148								
32	854						0.7660								
32	857						0.7396								
33	897						0.7271								
33	900	-0.0232					0.7236								
34	940	-0.0256	-0.0247				0.7102								
34	937	-0.0344	-0.0330	-0.0354	-0.0322	-0.0357	0.6877								
Run	Point	CP147	CP149	CP150	CP151	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163
30	739	0.0036	0.0623			-0.0387	-0.0396	-0.0397	-0.0452	-0.0458	-0.0433	-0.0461	-0.0504	-0.0538	-0.0537
30	743	0.1602	0.1653			-0.0392	-0.0397	-0.0402	-0.0461	-0.0471	-0.0451	-0.0475	-0.0511	-0.0545	-0.0542
31	801	0.2651	0.1661			-0.0430	-0.0412	-0.0398	-0.0448	-0.0452	-0.0447	-0.0468	-0.0511	-0.0543	-0.0557
31	798	0.5032	0.2812			-0.0449	-0.0422	-0.0403	-0.0452	-0.0454	-0.0441	-0.0462	-0.0502	-0.0530	-0.0536
31	795	0.7251	0.4074			-0.0523	-0.0486	-0.0455	-0.0493	-0.0485	-0.0464	-0.0482	-0.0517	-0.0548	-0.0558
32	854	0.7862	0.4786			-0.0583	-0.0566	-0.0542	-0.0565	-0.0531	-0.0483	-0.0489	-0.0517	-0.0551	-0.0549
32	857	0.7752	0.4944			-0.0627	-0.0634	-0.0604	-0.0608	-0.0563	-0.0511	-0.0518	-0.0550	-0.0579	-0.0580
33	897	0.7694	0.4897	-0.0330		-0.0557	-0.0645	-0.0663	-0.0690	-0.0665	-0.0622	-0.0604	-0.0607	-0.0624	-0.0628
33	900	0.7519	0.4902	-0.0236		-0.0300	-0.0474	-0.0582	-0.0653	-0.0628	-0.0571	-0.0541	-0.0532	-0.0539	-0.0528
34	940	0.7551	0.4933	-0.0251	-0.0247	-0.0133	-0.0272	-0.0437	-0.0600	-0.0642	-0.0629	-0.0617	-0.0614	-0.0610	-0.0588
34	937	0.7282	0.4741	-0.0351	-0.0347	-0.0153	-0.0210	-0.0320	-0.0528	-0.0674	-0.0725	-0.0730	-0.0728	-0.0713	-0.0692

Table 10. Concluded

Run	Point	CP164	CP165
30	739	-0.0394	-0.0600
30	743	-0.0403	-0.0598
31	801	-0.0404	-0.0577
31	798	-0.0402	-0.0570
31	795	-0.0448	-0.0587
32	854	-0.0518	-0.0593
32	857	-0.0572	-0.0605
33	897	-0.0646	-0.0657
33	900	-0.0593	-0.0563
34	940	-0.0517	-0.0609
34	937	-0.0406	-0.0713

Table 11. Pressure Coefficients at  $M_\infty = 0.80$  for Cavity of  $w = 2.4$  in. and  $h = 2.4$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ , psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
30	733	0.80	3.76	9.30	14.18	4.17	105.0	2.00	1.1276	-0.3710	-0.2962	-0.2449	-0.2285	-0.1838	-0.0018	-0.0862	-0.0671	-0.0499
30	736	0.80	3.76	9.30	14.17	4.16	105.1	4.00	1.1263	-0.3716	-0.2972	-0.2461	-0.2298	-0.1850	0.0033	-0.0869	-0.0682	-0.0506
31	786	0.80	3.79	9.30	14.18	4.17	102.0	6.00	1.1291	-0.3611	-0.2977	-0.2475	-0.2284	-0.1857	-0.0043	-0.0881	-0.0697	-0.0512
31	789	0.80	3.79	9.30	14.18	4.17	102.1	7.00	1.1290	-0.3604	-0.2973	-0.2479	-0.2284	-0.1856	-0.0043	-0.0880	-0.0697	-0.0512
31	792	0.80	3.78	9.31	14.18	4.16	102.3	8.00	1.1288	-0.3595	-0.2966	-0.2471	-0.2276	-0.1852	-0.0036	-0.0878	-0.0698	-0.0512
32	848	0.80	3.77	9.30	14.18	4.17	104.1	9.00	1.1293	-0.3733	-0.2975	-0.2458	-0.2281	-0.1830	-0.0039	-0.0853	-0.0670	-0.0497
32	851	0.80	3.77	9.30	14.18	4.17	104.4	10.00	1.1287	-0.3731	-0.2977	-0.2459	-0.2282	-0.1835	-0.0039	-0.0861	-0.0678	-0.0501
33	891	0.80	3.78	9.30	14.18	4.17	103.0	11.00	1.1299	-0.3637	-0.2954	-0.2455	-0.2272	-0.1852	-0.0056	-0.0874	-0.0698	-0.0513
33	894	0.80	3.78	9.30	14.18	4.17	103.2	12.00	1.1261	-0.3635	-0.2952	-0.2457	-0.2276	-0.1857	-0.0034	-0.0878	-0.0705	-0.0516
34	931	0.80	3.80	9.31	14.18	4.16	100.8	13.00	1.1253	-0.3565	-0.2958	-0.2465	-0.2281	-0.1871	0.0011	-0.0894	-0.0720	-0.0528
34	934	0.80	3.79	9.31	14.17	4.16	100.8	14.00	1.1265	-0.3556	-0.2952	-0.2462	-0.2271	-0.1861	0.0011	-0.0883	-0.0714	-0.0521
35	983	0.80	3.75	9.29	14.18	4.18	106.5	15.00	1.1263	-0.3578	-0.2952	-0.2446	-0.2281	-0.1851	0.0024	-0.0870	-0.0690	-0.0502
35	980	0.80	3.75	9.30	14.19	4.18	106.9	17.00	1.1255	-0.3581	-0.2955	-0.2449	-0.2284	-0.1854	-0.0005	-0.0873	-0.0694	-0.0509
35	977	0.80	3.73	9.28	14.16	4.17	108.7	17.50	1.1239	-0.3586	-0.2966	-0.2455	-0.2290	-0.1859	-0.0008	-0.0875	-0.0695	-0.0513
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
30	733	-0.0443	-0.0395	1.1459	0.0932	0.0611	0.0360	0.0823	0.0368	-0.0010	0.1489	0.1301	0.1099	0.0888	0.0433	0.0416	0.0034	-0.0521
30	736	-0.0451	-0.0402	1.1443	0.0918	0.0601	0.0350	0.0800	0.0354	0.0038	0.1475	0.1291	0.1086	0.0878	0.0419	0.0405	0.0023	-0.0532
31	786	-0.0457	-0.0392	1.1435	0.0903	0.0580	0.0356	0.0626	0.0341	-0.0040	0.1468	0.1290	0.1072	0.0886	0.0420	0.0389	-0.0023	-0.0524
31	789	-0.0457	-0.0392	1.1430	0.0900	0.0576	0.0353	0.0613	0.0338	-0.0040	0.1464	0.1286	0.1068	0.0886	0.0420	0.0389	-0.0026	-0.0524
31	792	-0.0457	-0.0392	1.1425	0.0905	0.0581	0.0354	0.0621	0.0342	-0.0036	0.1463	0.1285	0.1066	0.0887	0.0421	0.0390	-0.0022	-0.0521
32	848	-0.0444	-0.0388	1.1446	0.0929	0.0608	0.0365	0.0812	0.0368	-0.0037	0.1491	0.1300	0.1101	0.0896	0.0445	0.0429	0.0040	-0.0515
32	851	-0.0452	-0.0398	1.1444	0.0926	0.0608	0.0361	0.0803	0.0372	-0.0033	0.1488	0.1304	0.1102	0.0893	0.0446	0.0426	0.0036	-0.0497
33	891	-0.0459	-0.0393	1.1433	0.0904	0.0572	0.0346	0.0612	0.0337	-0.0049	0.1453	0.1278	0.1058	0.0877	0.0419	0.0389	-0.0021	-0.0529
33	894	-0.0463	-0.0400	1.1428	0.0893	0.0565	0.0339	0.0609	0.0330	-0.0031	0.1447	0.1275	0.1055	0.0871	0.0419	0.0386	-0.0025	-0.0537
34	931	-0.0478	-0.0404	1.1410	0.0892	0.0557	0.0336	0.0532	0.0317	0.0003	0.1432	0.1260	0.1036	0.0862	0.0403	0.0365	-0.0058	-0.0545
34	934	-0.0467	-0.0397	1.1410	0.0903	0.0564	0.0344	0.0535	0.0324	0.0003	0.1436	0.1268	0.1044	0.0870	0.0410	0.0373	-0.0050	-0.0534
35	983	-0.0451	-0.0393	1.1462	0.0921	0.0592	0.0360	0.0735	0.0354	0.0032	0.1455	0.1291	0.1075	0.0883	0.0429	0.0400	-0.0003	-0.0529
35	980	-0.0458	-0.0400	1.1451	0.0921	0.0589	0.0352	0.0749	0.0351	-0.0009	0.1452	0.1283	0.1071	0.0873	0.0422	0.0396	0.0001	-0.0533
35	977	-0.0463	-0.0404	1.1454	0.0916	0.0590	0.0350	0.0754	0.0348	-0.0005	0.1448	0.1283	0.1071	0.0875	0.0419	0.0394	-0.0002	-0.0537

Table 11. Continued

Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
30	733	-0.0669	-0.0746	-0.0313	-0.0203	-0.0128	-0.0094	-0.0101	-0.0070	-0.0051	-0.0092	-0.0133	-0.0105	-0.0031	0.0060	-0.0062	-0.0171	-0.0180
30	736	-0.0680	-0.0758	-0.0320	-0.0212	-0.0137	-0.0103	-0.0107	-0.0071	-0.0054	-0.0095	-0.0140	-0.0112	-0.0038	0.0040	-0.0062	-0.0143	-0.0218
31	786	-0.0740	-0.0760	-0.0300	-0.0214	-0.0147	-0.0105	-0.0091	-0.0073	-0.0063	-0.0086	-0.0138	-0.0093	-0.0060	-0.0036	-0.0097	-0.0135	-0.0122
31	789	-0.0740	-0.0760	-0.0303	-0.0214	-0.0147	-0.0107	-0.0095	-0.0075	-0.0066	-0.0091	-0.0145	-0.0100	-0.0077	-0.0072	-0.0108	-0.0150	-0.0087
31	792	-0.0733	-0.0757	-0.0301	-0.0214	-0.0147	-0.0109	-0.0097	-0.0078	-0.0069	-0.0098	-0.0155	-0.0112	-0.0100	-0.0117	-0.0122	-0.0169	-0.0064
32	848	-0.0671	-0.0727	-0.0304	-0.0204	-0.0124	-0.0097	-0.0106	-0.0082	-0.0070	-0.0101	-0.0164	-0.0143	-0.0125	-0.0161	-0.0122	-0.0210	-0.0033
32	851	-0.0675	-0.0727	-0.0310	-0.0210	-0.0129	-0.0100	-0.0106	-0.0082	-0.0074	-0.0108	-0.0178	-0.0167	-0.0167	-0.0240	-0.0152	-0.0247	-0.0027
33	891	-0.0740	-0.0749	-0.0305	-0.0228	-0.0160	-0.0118	-0.0112	-0.0095	-0.0093	-0.0117	-0.0192	-0.0169	-0.0195	-0.0292	-0.0186	-0.0265	-0.0063
33	894	-0.0741	-0.0756	-0.0312	-0.0232	-0.0165	-0.0124	-0.0117	-0.0103	-0.0103	-0.0128	-0.0204	-0.0184	-0.0218	-0.0321	-0.0204	-0.0284	-0.0090
34	931	-0.0764	-0.0761	-0.0321	-0.0252	-0.0201	-0.0143	-0.0129	-0.0112	-0.0117	-0.0140	-0.0216	-0.0197	-0.0237	-0.0356	-0.0228	-0.0303	-0.0124
34	934	-0.0753	-0.0750	-0.0314	-0.0241	-0.0196	-0.0136	-0.0122	-0.0108	-0.0111	-0.0133	-0.0209	-0.0188	-0.0234	-0.0351	-0.0221	-0.0299	-0.0128
35	983	-0.0707	-0.0733	-0.0309	-0.0225	-0.0158	-0.0109	-0.0115	-0.0092	-0.0095	-0.0132	-0.0202	-0.0200	-0.0218	-0.0323	-0.0197	-0.0306	-0.0116
35	980	-0.0707	-0.0741	-0.0316	-0.0230	-0.0162	-0.0116	-0.0122	-0.0098	-0.0100	-0.0135	-0.0209	-0.0209	-0.0225	-0.0334	-0.0207	-0.0318	-0.0133
35	977	-0.0708	-0.0742	-0.0323	-0.0234	-0.0167	-0.0121	-0.0126	-0.0100	-0.0103	-0.0141	-0.0214	-0.0213	-0.0228	-0.0342	-0.0209	-0.0322	-0.0137
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP60	CP61				
30	733	-0.0428	-0.0321	-0.0153	-0.0177	-0.0214	-0.0226	-0.0218	0.0152	0.0151	-0.0192	-0.0270	-0.0201	-0.0245				
30	736	-0.0453	-0.0337	-0.0151	-0.0217	-0.0229	-0.0153	-0.0146	0.0076	0.0060	-0.0124	-0.0200	-0.0128	-0.0172				
31	786	-0.0348	-0.0407	-0.0152	-0.0106	-0.0337	-0.0218	-0.0215	-0.0112	-0.0129	-0.0209	-0.0253	-0.0217	-0.0235				
31	789	-0.0254	-0.0473	-0.0165	-0.0041	-0.0404	-0.0216	-0.0211	-0.0208	-0.0224	-0.0203	-0.0246	-0.0210	-0.0230				
31	792	-0.0084	-0.0533	-0.0179	-0.0002	-0.0469	-0.0211	-0.0208	-0.0320	-0.0349	-0.0198	-0.0241	-0.0207	-0.0225				
32	848	0.0011	-0.0385	-0.0215	0.0033	-0.0296	-0.0259	-0.0256	-0.0543	-0.0580	-0.0234	-0.0308	-0.0252	-0.0288				
32	851	0.0067	-0.0088	-0.0244	0.0047	-0.0004	-0.0254	-0.0246	-0.0787	-0.0810	-0.0225	-0.0301	-0.0248	-0.0284				
33	891	0.0073	0.0085	-0.0238	0.0014	0.0139	-0.0227	-0.0223	-0.0903	-0.0888	-0.0214	-0.0254	-0.0223	-0.0245				
33	894	0.0014	0.0085	-0.0254	-0.0017	0.0138	-0.0197	-0.0194	-0.0943	-0.0924	-0.0178	-0.0221	-0.0189	-0.0212				
34	931	-0.0017	0.0015	-0.0332	-0.0052	0.0063	-0.0143	-0.0139	-0.0985	-0.0934	-0.0136	-0.0163	-0.0134	-0.0149				
34	934	-0.0039	-0.0037	-0.0330	-0.0056	0.0010	-0.0142	-0.0140	-0.0998	-0.0941	-0.0129	-0.0156	-0.0133	-0.0147				
35	983	-0.0106	-0.0085	-0.0342	-0.0051	-0.0003	-0.0151	-0.0142	-0.0968	-0.0949	-0.0122	-0.0182	-0.0135	-0.0168				
35	980	-0.0141	-0.0156	-0.0351	-0.0072	-0.0067	-0.0202	-0.0199	-0.1003	-0.0984	-0.0184	-0.0244	-0.0187	-0.0221				
35	977	-0.0146	-0.0167	-0.0357	-0.0077	-0.0078	-0.0196	-0.0191	-0.1007	-0.0985	-0.0173	-0.0235	-0.0186	-0.0221				



Table 11. Continued

Run	Point	CP62	CP63	CP64	CP65	CP66	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
30	733	-0.0279	-0.0201															
30	736	-0.0224	-0.0130	-0.0175	-0.0200	-0.0210	-0.0126	-0.0213										
31	786	-0.0248	-0.0216	-0.0239	-0.0244	-0.0244	-0.0214	-0.0253	-0.0201	-0.0235	-0.0225	-0.0233						
31	789	-0.0250	-0.0211	-0.0237	-0.0242	-0.0244	-0.0212	-0.0249	-0.0196	-0.0231	-0.0220	-0.0231	-0.0237					
31	792	-0.0240	-0.0208	-0.0234	-0.0240	-0.0245	-0.0211	-0.0246	-0.0194	-0.0228	-0.0219	-0.0228	-0.0234	-0.0259				
32	848	-0.0329	-0.0246	-0.0301	-0.0314	-0.0329	-0.0252	-0.0327	-0.0224	-0.0291	-0.0271	-0.0286	-0.0302	-0.0350	-0.0242			
32	851	-0.0326	-0.0246	-0.0290	-0.0306	-0.0309	-0.0245	-0.0320	-0.0219	-0.0285	-0.0265	-0.0281	-0.0296	-0.0344	-0.0234	-0.0365		
33	891	-0.0268	-0.0223	-0.0251	-0.0256	-0.0261	-0.0225	-0.0263	-0.0205	-0.0244	-0.0235	-0.0242	-0.0249	-0.0276	-0.0216	-0.0286	-0.0271	-0.0221
33	894	-0.0240	-0.0192	-0.0214	-0.0227	-0.0230	-0.0196	-0.0231	-0.0177	-0.0212	-0.0204	-0.0211	-0.0218	-0.0247	-0.0187	-0.0257	-0.0241	-0.0190
34	931	-0.0163	-0.0135	-0.0149	-0.0158	-0.0159	-0.0141	-0.0163	-0.0126	-0.0150	-0.0143	-0.0148	-0.0154	-0.0172	-0.0135	-0.0177	-0.0165	-0.0138
34	934	-0.0163	-0.0137	-0.0155	-0.0161	-0.0159	-0.0141	-0.0163	-0.0126	-0.0150	-0.0145	-0.0148	-0.0154	-0.0174	-0.0135	-0.0179	-0.0169	-0.0138
35	983	-0.0199	-0.0135	-0.0172	-0.0188	-0.0197	-0.0141	-0.0200	-0.0115	-0.0167	-0.0152	-0.0164	-0.0175	-0.0216	-0.0128	-0.0234	-0.0209	-0.0133
35	980	-0.0250	-0.0189	-0.0224	-0.0241	-0.0254	-0.0193	-0.0256	-0.0170	-0.0222	-0.0207	-0.0219	-0.0230	-0.0274	-0.0183	-0.0289	-0.0265	-0.0187
35	977	-0.0251	-0.0188	-0.0228	-0.0240	-0.0237	-0.0190	-0.0252	-0.0165	-0.0217	-0.0203	-0.0215	-0.0224	-0.0267	-0.0175	-0.0283	-0.0259	-0.0180
Run	Point	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90	CP91	CP92	CP93	CP94	CP95
30	733	0.0119								-0.0101	-0.0146	-0.0036	0.0217					
30	736	-0.0165								-0.0018	-0.0012	0.0094	0.0192	0.0274	0.0348	0.0775		
31	786	-0.0190	0.0288	0.0795	0.2127					-0.0145	-0.0137	-0.0083	-0.0010	0.0023	0.0143	0.0387	0.0713	0.1101
31	789	-0.0404	0.0395	0.1228	0.1759					-0.0174	-0.0211	-0.0173	-0.0118	-0.0068	0.0021	0.0408	0.0886	0.1365
31	792	-0.0510	0.0113	0.1240	0.2140	0.2889				-0.0198	-0.0280	-0.0278	-0.0234	-0.0222	-0.0123	0.0236	0.0781	0.1434
32	848	-0.0776	0.0185	0.1269	0.2273	0.3553	0.4021			-0.0246	-0.0410	-0.0395	-0.0335	-0.0281	-0.0179	0.0239	0.0777	0.1480
32	851	-0.1139	0.0461	0.1707	0.2218	0.3069	0.4146	0.4490		-0.0278	-0.0507	-0.0510	-0.0445	-0.0357	-0.0226	0.0318	0.0968	0.1694
33	891	-0.1401	0.0519	0.1647	0.1780	0.1767	0.2601	0.4072	0.4477	-0.0404	-0.0627	-0.0660	-0.0632	-0.0524	-0.0346	0.0207	0.0908	0.1467
33	894	-0.1457	0.0675	0.1562	0.1559	0.1066	0.1386	0.2189	0.3716	-0.0377	-0.0612	-0.0653	-0.0569	-0.0486	-0.0355	0.0186	0.0845	0.1365
34	931	-0.1446	0.0647	0.1659	0.1524	0.0807	0.0803	0.1040	0.1844	-0.0275	-0.0493	-0.0514	-0.0471	-0.0343	-0.0207	0.0279	0.0903	0.1382
34	934	-0.1438	0.0682	0.1703	0.1509	0.0670	0.0544	0.0530	0.0863	-0.0272	-0.0487	-0.0513	-0.0440	-0.0338	-0.0207	0.0281	0.0898	0.1350
35	983	-0.1417	0.0694	0.1734	0.1572	0.0590	0.0441	0.0336	0.0432	-0.0247	-0.0513	-0.0532	-0.0488	-0.0390	-0.0249	0.0271	0.0893	0.1398
35	980	-0.1450	0.0768	0.1691	0.1536	0.0506	0.0325	0.0155	0.0115	-0.0328	-0.0623	-0.0673	-0.0614	-0.0544	-0.0386	0.0180	0.0830	0.1316
35	977	-0.1464	0.0641	0.1688	0.1486	0.0493	0.0305	0.0130	0.0076	-0.0313	-0.0595	-0.0631	-0.0540	-0.0492	-0.0366	0.0171	0.0806	0.1316

Table 11. Continued

Run	Point	CP96	CP97	CP98	CP99	CP100	CP101	CP102	CP103	CP104	CP105	CP106	CP107	CP108	CP109	CP110	CP111	CP112
30	733						-0.0064	0.0060										
30	736						0.0135	0.0181	0.0524									
31	786	0.1318					-0.0093	-0.0008	0.0107	0.0473								
31	789	0.1680	0.1788				-0.0148	-0.0110	0.0062	0.0544								
31	792	0.2045	0.2602	0.2602			-0.0220	-0.0180	-0.0060	0.0672	0.1045							
32	848	0.2148	0.2801	0.2801	0.3082		-0.0189	-0.0109	0.0180	0.1040	0.2625							
32	851	0.2121	0.2566	0.2566	0.3246	0.4111	-0.0238	-0.0121	0.0195	0.1236	0.2864							
33	891	0.1666	0.1786	0.1786	0.2270	0.3693	-0.0406	-0.0235	0.0035	0.0905	0.1918	0.4773						
33	894	0.1458	0.1403	0.1403	0.1326	0.2500	-0.0406	-0.0245	0.0010	0.0831	0.1235	0.4584	0.4602					
34	931	0.1435	0.1261	0.1261	0.0796	0.1512	-0.0346	-0.0177	0.0051	0.0718	0.0777	0.3292	0.4463	0.4660				
34	934	0.1373	0.1158	0.1158	0.0519	0.0900	-0.0348	-0.0182	0.0043	0.0743	0.0594	0.1556	0.2900	0.4481				
35	983	0.1408	0.1184	0.1184	0.0463	0.0646	-0.0319	-0.0211	0.0054	0.0814	0.0500	0.0678	0.1331	0.2575	0.4478			
35	980	0.1328	0.1097	0.1097	0.0320	0.0369	-0.0374	-0.0265	-0.0004	0.0741	0.0389	0.0071	0.0159	0.0384	0.1857	0.3518	0.4070	0.4194
35	977	0.1328	0.1084	0.1084	0.0323	0.0366	-0.0366	-0.0259	0.0000	0.0717	0.0351	0.0015	0.0071	0.0201	0.1137	0.2439	0.3207	0.3950
Run	Point	CP113	CP114	CP115	CP116	CP117	CP118	CP119	CP120	CP121	CP122	CP123	CP124	CP125	CP126	CP127	CP128	CP129
30	733																	
30	736																	
31	786																	
31	789																	
31	792																	
32	848																	
32	851																	
33	891				0.4177	0.3572												0.3847
33	894				0.3551	0.4179	0.3854											0.3390
34	931				0.2356	0.3390	0.4001	0.3990									0.2151	0.4288
34	934				0.1343	0.2133	0.3012	0.3901	0.4164								0.1211	0.4107
35	983				0.0753	0.1195	0.1709	0.2606	0.3515	0.3816							0.0623	0.2830
35	980	0.4316	0.4103		0.0229	0.0294	0.0334	0.0604	0.1078	0.1621	0.2224	0.2261	0.2134	0.1882	0.1325		0.0134	0.0674
35	977	0.4247	0.4308	0.4267	0.0167	0.0205	0.0201	0.0347	0.0649	0.0947	0.1365	0.1407	0.1341	0.1221	0.0901	0.0201	0.0106	0.0432

Table 11. Continued

Run	Point	CP130	CP131	CP132	CP133	CP134	CP135	CP136	CP137	CP138	CP139	CP140	CP141	CP142	CP143	CP144	CP145	CP146
30	733																	0.1446
30	736																	0.2767
31	786																	0.3458
31	789																	0.4072
31	792																	0.5002
32	848																	0.7415
32	851																	0.7738
33	891																	0.7721
33	894				-0.0228													0.7605
34	931				-0.0154	-0.0140												0.7531
34	934				-0.0154	-0.0142	-0.0172	-0.0131	-0.0168									0.7364
35	983				-0.0178	-0.0153	-0.0211	-0.0133	-0.0211	-0.0162	-0.0126							0.7320
35	980	0.3057	0.3474	0.2618	-0.0233	-0.0215	-0.0276	-0.0195	-0.0275	-0.0222	-0.0179	-0.0261	-0.0186	-0.0208	-0.0291	-0.0222		0.6980
35	977	0.2279	0.2984	0.2572	-0.0220	-0.0206	-0.0269	-0.0189	-0.0272	-0.0218	-0.0173	-0.0258	-0.0179	-0.0203	-0.0284	-0.0215	-0.0172	0.6937
Run	Point	CP147	CP149	CP150	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163	
30	733	0.0292	0.0780					-0.0397	-0.0416	-0.0453	-0.0556	-0.0588	-0.0587	-0.0674	-0.0779	-0.0899	-0.0994	
30	736	0.1589	0.1539					-0.0407	-0.0425	-0.0458	-0.0560	-0.0593	-0.0595	-0.0682	-0.0788	-0.0909	-0.1007	
31	786	0.3252	0.1963					-0.0454	-0.0437	-0.0436	-0.0517	-0.0556	-0.0592	-0.0667	-0.0770	-0.0885	-0.1005	
31	789	0.4405	0.2471					-0.0478	-0.0457	-0.0446	-0.0524	-0.0560	-0.0599	-0.0676	-0.0779	-0.0894	-0.1012	
31	792	0.5849	0.3187					-0.0530	-0.0492	-0.0472	-0.0542	-0.0574	-0.0605	-0.0678	-0.0778	-0.0893	-0.1014	
32	848	0.7087	0.3946					-0.0654	-0.0635	-0.0629	-0.0675	-0.0659	-0.0645	-0.0717	-0.0825	-0.0953	-0.1065	
32	851	0.7434	0.4789					-0.0792	-0.0772	-0.0734	-0.0751	-0.0717	-0.0688	-0.0746	-0.0840	-0.0956	-0.1059	
33	891	0.7715	0.4957	-0.0256				-0.0675	-0.0813	-0.0811	-0.0835	-0.0818	-0.0793	-0.0808	-0.0864	-0.0959	-0.1071	
33	894	0.7595	0.4950	-0.0228				-0.0339	-0.0684	-0.0883	-0.0955	-0.0918	-0.0872	-0.0863	-0.0900	-0.0983	-0.1079	
34	931	0.7578	0.4916	-0.0156	-0.0152			-0.0062	-0.0296	-0.0639	-0.0942	-0.0991	-0.0965	-0.0975	-0.1012	-0.1072	-0.1136	
34	934	0.7385	0.4872	-0.0156	-0.0154			0.0006	-0.0064	-0.0258	-0.0650	-0.0962	-0.1059	-0.1064	-0.1079	-0.1111	-0.1161	
35	983	0.7411	0.4848	-0.0183	-0.0178			-0.0044	-0.0032	-0.0089	-0.0333	-0.0670	-0.1000	-0.1150	-0.1164	-0.1184	-0.1216	
35	980	0.7070	0.4572	-0.0240	-0.0235	-0.0255	-0.0247	-0.0177	-0.0156	-0.0140	-0.0190	-0.0209	-0.0313	-0.0629	-0.1071	-0.1391	-0.1465	
35	977	0.7051	0.4557	-0.0237	-0.0229	-0.0252	-0.0242	-0.0201	-0.0186	-0.0173	-0.0216	-0.0203	-0.0240	-0.0450	-0.0855	-0.1309	-0.1517	

Table 11. Concluded

Run	Point	CP164	CP165
30	733	-0.0477	-0.1050
30	736	-0.0486	-0.1055
31	786	-0.0460	-0.1036
31	789	-0.0474	-0.1039
31	792	-0.0495	-0.1039
32	848	-0.0624	-0.1104
32	851	-0.0713	-0.1099
33	891	-0.0809	-0.1095
33	894	-0.0923	-0.1108
34	931	-0.0817	-0.1162
34	934	-0.0444	-0.1185
35	983	-0.0182	-0.1258
35	980	-0.0145	-0.1516
35	977	-0.0177	-0.1564

Table 12. Pressure Coefficients at  $M_\infty = 0.90$  for Cavity of  $w = 2.4$  in. and  $h = 2.4$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ , psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
30	721	0.90	3.45	7.41	12.53	4.20	111.3	1.67	1.1998	-0.3940	-0.4199	-0.3796	-0.4163	-0.1402	0.0404	-0.0503	-0.0355	-0.0208
30	724	0.90	3.44	7.40	12.52	4.20	112.5	2.00	1.1995	-0.3942	-0.4198	-0.3791	-0.4158	-0.1386	0.0416	-0.0503	-0.0359	-0.0212
30	727	0.90	3.43	7.40	12.51	4.19	113.1	3.79	1.1995	-0.3953	-0.4206	-0.3798	-0.4151	-0.1376	0.0453	-0.0511	-0.0359	-0.0205
30	730	0.90	3.43	7.40	12.51	4.19	113.4	4.00	1.1991	-0.3953	-0.4206	-0.3794	-0.4154	-0.1376	0.0456	-0.0511	-0.0356	-0.0205
31	783	0.90	3.47	7.38	12.47	4.18	106.8	6.00	1.2002	-0.3879	-0.4206	-0.3852	-0.4141	-0.1418	0.0451	-0.0528	-0.0387	-0.0220
31	778	0.90	3.50	7.38	12.48	4.19	104.0	7.00	1.2011	-0.3866	-0.4193	-0.3847	-0.4135	-0.1438	0.0454	-0.0524	-0.0386	-0.0216
31	775	0.90	3.50	7.37	12.48	4.19	103.5	8.00	1.2010	-0.3866	-0.4193	-0.3850	-0.4139	-0.1463	0.0447	-0.0513	-0.0386	-0.0219
32	835	0.90	3.48	7.38	12.48	4.18	106.3	8.75	1.1996	-0.3984	-0.4159	-0.3813	-0.4069	-0.1429	0.0364	-0.0533	-0.0388	-0.0226
32	838	0.90	3.47	7.38	12.48	4.18	107.4	9.00	1.1999	-0.3986	-0.4155	-0.3812	-0.4067	-0.1411	0.0379	-0.0527	-0.0381	-0.0222
32	841	0.90	3.46	7.38	12.48	4.18	108.3	9.58	1.2002	-0.3973	-0.4148	-0.3806	-0.4076	-0.1418	0.0386	-0.0523	-0.0378	-0.0219
32	844	0.90	3.46	7.38	12.48	4.18	109.0	10.00	1.1998	-0.3964	-0.4149	-0.3807	-0.4069	-0.1400	0.0401	-0.0516	-0.0371	-0.0212
33	885	0.90	3.46	7.37	12.46	4.17	107.8	11.00	1.2007	-0.3855	-0.4109	-0.3852	-0.4041	-0.1439	0.0371	-0.0555	-0.0409	-0.0241
33	888	0.90	3.45	7.37	12.45	4.17	108.9	12.00	1.2010	-0.3857	-0.4108	-0.3851	-0.4040	-0.1434	0.0390	-0.0549	-0.0406	-0.0235
34	928	0.90	3.49	7.37	12.47	4.18	104.7	13.00	1.2008	-0.3830	-0.4061	-0.3859	-0.4062	-0.1494	0.0406	-0.0540	-0.0415	-0.0245
34	925	0.90	3.51	7.38	12.50	4.20	103.8	14.00	1.2033	-0.3794	-0.4038	-0.3844	-0.4057	-0.1567	0.0430	-0.0513	-0.0389	-0.0226
35	968	0.90	3.43	7.38	12.48	4.18	112.7	15.00	1.1991	-0.3856	-0.4056	-0.3839	-0.4050	-0.1457	0.0508	-0.0532	-0.0394	-0.0227
35	971	0.90	3.42	7.38	12.47	4.18	113.5	17.00	1.1984	-0.3864	-0.4064	-0.3840	-0.4051	-0.1452	0.0480	-0.0536	-0.0395	-0.0231
35	974	0.90	3.41	7.38	12.48	4.18	114.1	17.50	1.1989	-0.3864	-0.4067	-0.3843	-0.4054	-0.1448	0.0487	-0.0536	-0.0394	-0.0227
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
30	721	-0.0182	-0.0135	1.2067	0.1221	0.0854	0.0615	0.1078	0.0701	0.0401	0.1957	0.1800	0.1574	0.1312	0.0824	0.0764	0.0280	-0.0438
30	724	-0.0182	-0.0132	1.2071	0.1219	0.0859	0.0616	0.1101	0.0706	0.0420	0.1960	0.1800	0.1573	0.1303	0.0826	0.0769	0.0288	-0.0431
30	727	-0.0175	-0.0129	1.2067	0.1220	0.0857	0.0613	0.1126	0.0703	0.0457	0.1965	0.1798	0.1578	0.1312	0.0830	0.0766	0.0292	-0.0439
30	730	-0.0175	-0.0132	1.2071	0.1220	0.0860	0.0613	0.1139	0.0707	0.0461	0.1965	0.1798	0.1581	0.1308	0.0826	0.0770	0.0296	-0.0435
31	783	-0.0189	-0.0126	1.2044	0.1211	0.0835	0.0615	0.0892	0.0683	0.0448	0.1941	0.1797	0.1545	0.1307	0.0816	0.0735	0.0226	-0.0436
31	778	-0.0189	-0.0126	1.2042	0.1205	0.0831	0.0618	0.0840	0.0682	0.0451	0.1938	0.1798	0.1547	0.1312	0.0819	0.0734	0.0211	-0.0436
31	775	-0.0185	-0.0122	1.2045	0.1202	0.0831	0.0618	0.0819	0.0678	0.0447	0.1938	0.1798	0.1543	0.1312	0.0815	0.0730	0.0207	-0.0436
32	835	-0.0195	-0.0133	1.2044	0.1248	0.0836	0.0609	0.0985	0.0689	0.0370	0.1942	0.1793	0.1554	0.1303	0.0824	0.0756	0.0262	-0.0434
32	838	-0.0191	-0.0136	1.2054	0.1256	0.0847	0.0613	0.1017	0.0697	0.0381	0.1951	0.1794	0.1558	0.1307	0.0831	0.0764	0.0270	-0.0431
32	841	-0.0188	-0.0133	1.2054	0.1259	0.0846	0.0612	0.1040	0.0700	0.0388	0.1953	0.1796	0.1564	0.1307	0.0831	0.0764	0.0273	-0.0434
32	844	-0.0184	-0.0126	1.2063	0.1266	0.0853	0.0620	0.1068	0.0707	0.0403	0.1957	0.1804	0.1572	0.1311	0.0838	0.0771	0.0285	-0.0427
33	885	-0.0206	-0.0141	1.2032	0.1232	0.0810	0.0595	0.0850	0.0663	0.0374	0.1914	0.1768	0.1522	0.1292	0.0807	0.0726	0.0210	-0.0453
33	888	-0.0202	-0.0138	1.2050	0.1238	0.0818	0.0600	0.0875	0.0671	0.0385	0.1924	0.1778	0.1532	0.1297	0.0815	0.0738	0.0221	-0.0447
34	928	-0.0213	-0.0141	1.2021	0.1226	0.0794	0.0590	0.0762	0.0654	0.0402	0.1902	0.1761	0.1505	0.1289	0.0798	0.0710	0.0179	-0.0464
34	925	-0.0194	-0.0127	1.2042	0.1236	0.0811	0.0609	0.0759	0.0669	0.0426	0.1916	0.1775	0.1523	0.1305	0.0816	0.0729	0.0197	-0.0447
35	968	-0.0202	-0.0137	1.2045	0.1251	0.0814	0.0612	0.0926	0.0683	0.0508	0.1927	0.1789	0.1547	0.1306	0.0826	0.0743	0.0250	-0.0452
35	971	-0.0202	-0.0144	1.2045	0.1253	0.0808	0.0616	0.0972	0.0683	0.0472	0.1933	0.1780	0.1549	0.1297	0.0823	0.0744	0.0254	-0.0457
35	974	-0.0198	-0.0141	1.2054	0.1260	0.0812	0.0616	0.1003	0.0690	0.0483	0.1933	0.1783	0.1555	0.1300	0.0827	0.0747	0.0265	-0.0453

Table 12. Continued

Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
30	721	-0.1479	-0.0618	-0.0062	0.0024	0.0090	0.0116	0.0109	0.0134	0.0141	0.0100	0.0054	0.0082	0.0146	0.0249	0.0108	0.0022	0.0059
30	724	-0.1467	-0.0615	-0.0062	0.0029	0.0099	0.0123	0.0115	0.0134	0.0141	0.0100	0.0057	0.0086	0.0157	0.0274	0.0120	0.0020	0.0059
30	727	-0.1457	-0.0612	-0.0060	0.0033	0.0101	0.0128	0.0120	0.0144	0.0153	0.0109	0.0069	0.0095	0.0167	0.0253	0.0141	0.0082	0.0007
30	730	-0.1454	-0.0612	-0.0062	0.0031	0.0103	0.0126	0.0113	0.0138	0.0148	0.0102	0.0064	0.0089	0.0162	0.0249	0.0134	0.0074	0.0011
31	783	-0.1530	-0.0624	-0.0047	0.0025	0.0077	0.0115	0.0126	0.0139	0.0143	0.0117	0.0064	0.0112	0.0135	0.0168	0.0090	0.0077	0.0136
31	778	-0.1546	-0.0619	-0.0040	0.0025	0.0070	0.0110	0.0128	0.0137	0.0140	0.0117	0.0059	0.0110	0.0116	0.0126	0.0071	0.0064	0.0176
31	775	-0.1553	-0.0623	-0.0040	0.0023	0.0068	0.0105	0.0123	0.0129	0.0128	0.0108	0.0049	0.0099	0.0098	0.0098	0.0057	0.0037	0.0157
32	835	-0.1493	-0.0606	-0.0062	0.0021	0.0083	0.0111	0.0114	0.0122	0.0123	0.0099	0.0037	0.0069	0.0083	0.0084	0.0058	-0.0005	0.0158
32	838	-0.1480	-0.0599	-0.0057	0.0023	0.0088	0.0116	0.0116	0.0129	0.0129	0.0104	0.0042	0.0069	0.0083	0.0082	0.0060	-0.0007	0.0156
32	841	-0.1479	-0.0598	-0.0060	0.0024	0.0088	0.0114	0.0111	0.0124	0.0123	0.0091	0.0027	0.0050	0.0055	0.0032	0.0038	-0.0045	0.0172
32	844	-0.1468	-0.0591	-0.0055	0.0032	0.0099	0.0121	0.0116	0.0127	0.0126	0.0095	0.0027	0.0043	0.0039	-0.0001	0.0029	-0.0067	0.0191
33	885	-0.1548	-0.0621	-0.0065	-0.0001	0.0056	0.0092	0.0100	0.0106	0.0097	0.0074	0.0002	0.0030	-0.0001	-0.0078	-0.0023	-0.0108	0.0152
33	888	-0.1532	-0.0611	-0.0061	0.0004	0.0063	0.0096	0.0105	0.0112	0.0102	0.0074	0.0000	0.0025	-0.0008	-0.0093	-0.0024	-0.0122	0.0138
34	928	-0.1596	-0.0628	-0.0072	-0.0019	0.0015	0.0068	0.0085	0.0091	0.0078	0.0056	-0.0020	0.0000	-0.0044	-0.0139	-0.0066	-0.0154	0.0090
34	925	-0.1597	-0.0614	-0.0054	-0.0003	0.0027	0.0083	0.0101	0.0107	0.0088	0.0066	-0.0012	0.0014	-0.0039	-0.0137	-0.0059	-0.0147	0.0091
35	968	-0.1537	-0.0609	-0.0063	0.0004	0.0052	0.0097	0.0098	0.0111	0.0097	0.0066	-0.0008	0.0002	-0.0029	-0.0118	-0.0043	-0.0158	0.0092
35	971	-0.1524	-0.0610	-0.0068	0.0001	0.0050	0.0094	0.0091	0.0104	0.0092	0.0058	-0.0017	-0.0010	-0.0036	-0.0123	-0.0047	-0.0172	0.0080
35	974	-0.1517	-0.0606	-0.0066	0.0004	0.0057	0.0097	0.0092	0.0108	0.0097	0.0059	-0.0015	-0.0012	-0.0030	-0.0118	-0.0043	-0.0172	0.0080
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP60	CP61				
30	721	-0.0175	0.0044	0.0041	0.0058	0.0130	0.0241	0.0249	0.0330	0.0335	0.0268	0.0202	0.0261	0.0229				
30	724	-0.0177	0.0044	0.0046	0.0059	0.0134	0.0259	0.0265	0.0448	0.0453	0.0288	0.0218	0.0279	0.0247				
30	727	-0.0201	0.0041	0.0057	0.0009	0.0134	0.0297	0.0308	0.0376	0.0353	0.0329	0.0255	0.0316	0.0281				
30	730	-0.0207	0.0038	0.0052	0.0004	0.0132	0.0301	0.0310	0.0381	0.0331	0.0330	0.0253	0.0323	0.0286				
31	783	-0.0079	-0.0056	0.0049	0.0163	0.0000	0.0352	0.0355	0.0215	0.0200	0.0364	0.0328	0.0347	0.0336				
31	778	0.0080	-0.0134	0.0044	0.0235	-0.0091	0.0364	0.0363	0.0173	0.0112	0.0374	0.0350	0.0358	0.0351				
31	775	0.0264	-0.0212	0.0037	0.0231	-0.0175	0.0357	0.0360	0.0055	0.0036	0.0361	0.0338	0.0351	0.0349				
32	835	0.0312	-0.0121	0.0001	0.0237	-0.0064	0.0220	0.0227	-0.0092	-0.0111	0.0244	0.0192	0.0220	0.0200				
32	838	0.0320	-0.0041	-0.0005	0.0230	0.0017	0.0224	0.0230	-0.0078	-0.0125	0.0246	0.0190	0.0227	0.0205				
32	841	0.0387	0.0171	-0.0026	0.0258	0.0235	0.0227	0.0235	-0.0276	-0.0290	0.0251	0.0192	0.0231	0.0207				
32	844	0.0432	0.0350	-0.0042	0.0286	0.0419	0.0245	0.0251	-0.0401	-0.0411	0.0267	0.0204	0.0246	0.0218				
33	885	0.0440	0.0557	-0.0050	0.0252	0.0594	0.0253	0.0255	-0.0574	-0.0544	0.0261	0.0234	0.0250	0.0240				
33	888	0.0371	0.0558	-0.0059	0.0233	0.0600	0.0265	0.0269	-0.0632	-0.0596	0.0277	0.0245	0.0264	0.0253				
34	928	0.0336	0.0461	-0.0140	0.0187	0.0488	0.0311	0.0309	-0.0688	-0.0611	0.0317	0.0303	0.0310	0.0309				
34	925	0.0321	0.0392	-0.0136	0.0186	0.0416	0.0339	0.0342	-0.0685	-0.0609	0.0343	0.0333	0.0343	0.0340				
35	968	0.0246	0.0320	-0.0151	0.0182	0.0376	0.0418	0.0424	-0.0668	-0.0601	0.0431	0.0392	0.0421	0.0405				
35	971	0.0199	0.0235	-0.0163	0.0168	0.0301	0.0365	0.0372	-0.0695	-0.0635	0.0384	0.0339	0.0370	0.0349				
35	974	0.0189	0.0227	-0.0163	0.0166	0.0296	0.0370	0.0375	-0.0690	-0.0634	0.0389	0.0337	0.0377	0.0356				

Table 12. Continued

Run	Point	CP62	CP63	CP64	CP65	CP66	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
30	721	0.0189	0.0267															
30	724	0.0201	0.0284															
30	727	0.0232	0.0321	0.0280	0.0258	0.0248	0.0322	0.0239										
30	730	0.0236	0.0326	0.0283	0.0261	0.0248	0.0328	0.0241										
31	783	0.0332	0.0346	0.0334	0.0329	0.0325	0.0350	0.0318	0.0358	0.0332	0.0343	0.0338						
31	778	0.0351	0.0356	0.0348	0.0346	0.0346	0.0360	0.0340	0.0366	0.0348	0.0358	0.0352	0.0350					
31	775	0.0348	0.0351	0.0348	0.0345	0.0348	0.0355	0.0340	0.0359	0.0343	0.0353	0.0348	0.0346	0.0338				
32	835	0.0173	0.0225	0.0195	0.0182	0.0177	0.0225	0.0173	0.0240	0.0194	0.0214	0.0202	0.0192	0.0157	0.0228			
32	838	0.0178	0.0232	0.0199	0.0186	0.0179	0.0231	0.0174	0.0247	0.0197	0.0217	0.0204	0.0194	0.0159	0.0235			
32	841	0.0173	0.0235	0.0202	0.0187	0.0177	0.0234	0.0173	0.0250	0.0199	0.0219	0.0205	0.0195	0.0157	0.0239	0.0141		
32	844	0.0184	0.0248	0.0212	0.0200	0.0192	0.0249	0.0186	0.0267	0.0214	0.0234	0.0223	0.0209	0.0169	0.0254	0.0151		
33	885	0.0224	0.0252	0.0239	0.0232	0.0231	0.0250	0.0225	0.0262	0.0235	0.0246	0.0241	0.0237	0.0218	0.0257	0.0212	0.0224	0.0255
33	888	0.0237	0.0268	0.0247	0.0245	0.0238	0.0267	0.0234	0.0276	0.0246	0.0260	0.0252	0.0246	0.0227	0.0270	0.0221	0.0231	0.0269
34	928	0.0304	0.0314	0.0309	0.0304	0.0306	0.0315	0.0300	0.0316	0.0305	0.0311	0.0308	0.0306	0.0297	0.0315	0.0297	0.0305	0.0313
34	925	0.0335	0.0341	0.0336	0.0338	0.0340	0.0344	0.0334	0.0346	0.0337	0.0344	0.0341	0.0339	0.0331	0.0343	0.0333	0.0337	0.0344
35	968	0.0386	0.0421	0.0397	0.0390	0.0383	0.0422	0.0379	0.0436	0.0398	0.0414	0.0405	0.0399	0.0368	0.0427	0.0360	0.0378	0.0424
35	971	0.0327	0.0369	0.0346	0.0334	0.0332	0.0372	0.0322	0.0385	0.0344	0.0361	0.0350	0.0342	0.0311	0.0379	0.0299	0.0320	0.0376
35	974	0.0322	0.0374	0.0351	0.0336	0.0330	0.0377	0.0322	0.0395	0.0347	0.0366	0.0354	0.0345	0.0311	0.0384	0.0296	0.0318	0.0382
Run	Point	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90	CP91	CP92	CP93	CP94	CP95
30	721	0.1534								0.0298	0.0195	0.0372	0.0529					
30	724	0.0363								0.0323	0.0184	0.0267	0.0554					
30	727	0.0086								0.0381	0.0309	0.0384	0.0480	0.0600	0.0749	0.1247		
30	730	0.0113								0.0386	0.0319	0.0392	0.0480	0.0585	0.0680	0.1131		
31	783	-0.0042	0.0630	0.1063	0.2419					0.0311	0.0230	0.0235	0.0285	0.0349	0.0457	0.0715	0.1052	0.1359
31	778	-0.0175	0.0555	0.1157	0.1635					0.0259	0.0155	0.0130	0.0159	0.0200	0.0304	0.0561	0.0948	0.1311
31	775	-0.0216	0.0269	0.0911	0.1546	0.2455				0.0263	0.0143	0.0113	0.0112	0.0141	0.0209	0.0403	0.0750	0.1108
32	835	-0.0263	0.0298	0.1068	0.1859	0.3061	0.3109			0.0265	0.0114	0.0114	0.0143	0.0183	0.0234	0.0479	0.0857	0.1359
32	838	-0.0365	0.0035	0.0718	0.1597	0.2624	0.2843			0.0139	-0.0012	-0.0008	0.0022	0.0041	0.0076	0.0251	0.0565	0.1047
32	841	-0.0647	0.0037	0.0979	0.2039	0.3293	0.3774	0.3759		0.0107	-0.0111	-0.0137	-0.0091	-0.0073	-0.0027	0.0251	0.0700	0.1316
32	844	-0.0794	0.0178	0.1284	0.2162	0.3244	0.4064	0.4533		0.0109	-0.0154	-0.0193	-0.0142	-0.0118	-0.0027	0.0328	0.0866	0.1508
33	885	-0.1100	0.0168	0.1456	0.2044	0.2250	0.3068	0.4267	0.4745	0.0016	-0.0245	-0.0315	-0.0290	-0.0222	-0.0145	0.0250	0.0845	0.1443
33	888	-0.1175	0.0237	0.1496	0.1871	0.1559	0.1887	0.2736	0.4080	0.0017	-0.0266	-0.0336	-0.0313	-0.0241	-0.0135	0.0265	0.0846	0.1392
34	928	-0.1160	0.0307	0.1535	0.1818	0.1282	0.1273	0.1539	0.2387	0.0134	-0.0123	-0.0191	-0.0162	-0.0068	0.0044	0.0409	0.0929	0.1401
34	925	-0.1183	0.0369	0.1573	0.1782	0.1119	0.0984	0.1005	0.1389	0.0158	-0.0097	-0.0171	-0.0123	-0.0044	0.0066	0.0422	0.0932	0.1364
35	968	-0.1179	0.0381	0.1621	0.1839	0.1032	0.0847	0.0751	0.0889	0.0209	-0.0149	-0.0246	-0.0234	-0.0182	-0.0107	0.0276	0.0865	0.1409
35	971	-0.1190	0.0410	0.1691	0.1859	0.0939	0.0726	0.0554	0.0549	0.0169	-0.0190	-0.0280	-0.0255	-0.0206	-0.0119	0.0278	0.0856	0.1400
35	974	-0.1206	0.0446	0.1647	0.1790	0.0930	0.0719	0.0542	0.0521	0.0176	-0.0195	-0.0285	-0.0253	-0.0220	-0.0110	0.0285	0.0861	0.1405

Table 12. Continued

Run	Point	CP96	CP97	CP98	CP99	CP100	CP101	CP102	CP103	CP104	CP105	CP106	CP107	CP108	CP109	CP110	CP111	CP112
30	721						0.0234	0.0378										
30	724						0.0266	0.0382										
30	727						0.0462	0.0496	0.0809									
30	730						0.0455	0.0511	0.0782									
31	783	0.1541					0.0280	0.0318	0.0433	0.0790								
31	778	0.1597	0.1774				0.0179	0.0261	0.0326	0.0660								
31	775	0.1505	0.1912	0.1912			0.0182	0.0239	0.0313	0.0666	0.0910							
32	835	0.1861	0.2376	0.2376	0.2546		0.0276	0.0314	0.0477	0.0975	0.1919							
32	838	0.1542	0.2072	0.2072	0.2253		0.0144	0.0168	0.0314	0.0745	0.1687							
32	841	0.1918	0.2540	0.2540	0.2940	0.3415	0.0109	0.0163	0.0366	0.1010	0.2454							
32	844	0.2062	0.2610	0.2610	0.3222	0.4031	0.0111	0.0195	0.0437	0.1169	0.2754							
33	885	0.1835	0.2125	0.2125	0.2592	0.3866	-0.0017	0.0127	0.0327	0.0989	0.2155	0.5141						
33	888	0.1660	0.1735	0.1735	0.1727	0.2901	-0.0037	0.0089	0.0291	0.0897	0.1539	0.4780	0.4727					
34	928	0.1606	0.1572	0.1572	0.1207	0.1978	0.0036	0.0186	0.0340	0.0855	0.1147	0.3779	0.4652	0.4875				
34	925	0.1541	0.1473	0.1473	0.0952	0.1415	0.0051	0.0202	0.0352	0.0862	0.0955	0.2150	0.3474	0.4562				
35	968	0.1570	0.1460	0.1460	0.0844	0.1058	0.0132	0.0227	0.0410	0.0921	0.0857	0.1194	0.1878	0.3135	0.4803			
35	971	0.1561	0.1426	0.1426	0.0738	0.0793	0.0097	0.0178	0.0369	0.0893	0.0747	0.0552	0.0682	0.0945	0.2500	0.4042	0.4505	0.4652
35	974	0.1554	0.1421	0.1421	0.0743	0.0777	0.0101	0.0177	0.0365	0.0899	0.0733	0.0494	0.0574	0.0753	0.1817	0.3109	0.3789	0.4326
Run	Point	CP113	CP114	CP115	CP116	CP117	CP118	CP119	CP120	CP121	CP122	CP123	CP124	CP125	CP126	CP127	CP128	CP129
30	721																	
30	724																	
30	727																	
30	730																	
31	783																	
31	778																	
31	775																	
32	835																	
32	838																	
32	841																	
32	844																	
33	885				0.4329	0.3736												0.3766
33	888				0.3877	0.4326	0.3992											0.3562
34	928				0.2854	0.3710	0.4139	0.4041										0.2611 0.4303
34	925				0.1966	0.2685	0.3370	0.3939	0.4040									0.1750 0.4249
35	968				0.1295	0.1755	0.2267	0.3060	0.3760	0.3947								0.1146 0.3298
35	971	0.4816	0.4613		0.0710	0.0805	0.0891	0.1147	0.1542	0.1910	0.2138	0.1990	0.1749	0.1522	0.1159			0.0632 0.1276
35	974	0.4560	0.4671	0.4600	0.0639	0.0695	0.0712	0.0868	0.1118	0.1297	0.1449	0.1344	0.1195	0.1074	0.0905	0.0550	0.0576	0.1018



Table 12. Continued

Run	Point	CP130	CP131	CP132	CP133	CP134	CP135	CP136	CP137	CP138	CP139	CP140	CP141	CP142	CP143	CP144	CP145	CP146
30	721																	0.1523
30	724																	0.1742
30	727																	0.2952
30	730																	0.2997
31	783																	0.4499
31	778																	0.5389
31	775																	0.5434
32	835																	0.7082
32	838																	0.7130
32	841																	0.7442
32	844																	0.7882
33	885																	0.7946
33	888				0.0241													0.7907
34	928				0.0302	0.0310												0.7807
34	925				0.0334	0.0342	0.0323	0.0350	0.0327									0.7779
35	968				0.0394	0.0407	0.0355	0.0423	0.0365	0.0401	0.0432							0.7648
35	971	0.3443	0.3623	0.2618	0.0339	0.0356	0.0298	0.0374	0.0306	0.0348	0.0382	0.0310	0.0377	0.0356	0.0285	0.0353		0.7297
35	974	0.2760	0.3121	0.2481	0.0344	0.0363	0.0298	0.0376	0.0302	0.0346	0.0388	0.0308	0.0386	0.0363	0.0287	0.0357	0.0394	0.7254
Run	Point	CP147	CP149	CP150	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163	
30	721	0.0297	0.0924					0.0074	0.0093	0.0095	0.0028	0.0036	0.0073	0.0032	-0.0025	-0.0097	-0.0146	
30	724	0.0535	0.1063					0.0072	0.0091	0.0093	0.0025	0.0036	0.0073	0.0032	-0.0026	-0.0098	-0.0143	
30	727	0.1747	0.1738					0.0069	0.0091	0.0090	0.0018	0.0031	0.0073	0.0032	-0.0025	-0.0089	-0.0131	
30	730	0.1885	0.1783					0.0069	0.0091	0.0088	0.0018	0.0029	0.0073	0.0031	-0.0025	-0.0094	-0.0134	
31	783	0.3349	0.2168					0.0006	0.0077	0.0125	0.0080	0.0081	0.0084	0.0053	0.0000	-0.0065	-0.0138	
31	778	0.4281	0.2609					0.0000	0.0075	0.0130	0.0092	0.0093	0.0089	0.0062	0.0009	-0.0057	-0.0129	
31	775	0.5132	0.3008					-0.0044	0.0045	0.0110	0.0082	0.0084	0.0081	0.0059	0.0007	-0.0058	-0.0135	
32	835	0.6138	0.3566					-0.0153	-0.0107	-0.0060	-0.0054	0.0004	0.0042	0.0015	-0.0048	-0.0128	-0.0202	
32	838	0.5891	0.3421					-0.0176	-0.0121	-0.0067	-0.0059	0.0001	0.0046	0.0017	-0.0043	-0.0125	-0.0191	
32	841	0.6697	0.4044					-0.0310	-0.0217	-0.0134	-0.0103	-0.0030	0.0026	0.0007	-0.0048	-0.0121	-0.0186	
32	844	0.7454	0.4641					-0.0419	-0.0317	-0.0202	-0.0153	-0.0063	0.0007	-0.0002	-0.0052	-0.0119	-0.0179	
33	885	0.7723	0.5086	0.0223				-0.0345	-0.0461	-0.0347	-0.0294	-0.0215	-0.0141	-0.0092	-0.0089	-0.0129	-0.0193	
33	888	0.7759	0.5142	0.0234				0.0169	-0.0279	-0.0489	-0.0465	-0.0339	-0.0225	-0.0149	-0.0124	-0.0153	-0.0202	
34	928	0.7693	0.5152	0.0298	0.0306			0.0528	0.0283	-0.0149	-0.0508	-0.0463	-0.0349	-0.0279	-0.0250	-0.0246	-0.0254	
34	925	0.7704	0.5136	0.0329	0.0336			0.0598	0.0568	0.0379	-0.0078	-0.0475	-0.0506	-0.0408	-0.0332	-0.0295	-0.0281	
35	968	0.7565	0.5092	0.0381	0.0387			0.0504	0.0567	0.0554	0.0338	-0.0043	-0.0476	-0.0570	-0.0465	-0.0393	-0.0365	
35	971	0.7202	0.4938	0.0329	0.0338	0.0323	0.0328	0.0332	0.0401	0.0468	0.0483	0.0517	0.0447	0.0127	-0.0400	-0.0741	-0.0714	
35	974	0.7185	0.4890	0.0329	0.0341	0.0325	0.0330	0.0300	0.0359	0.0420	0.0436	0.0503	0.0520	0.0335	-0.0094	-0.0651	-0.0799	

Table 12. Concluded

Run	Point	CP164	CP165
30	721	0.0082	-0.0197
30	724	0.0078	-0.0201
30	727	0.0080	-0.0189
30	730	0.0075	-0.0192
31	783	0.0116	-0.0173
31	778	0.0118	-0.0162
31	775	0.0100	-0.0169
32	835	-0.0042	-0.0245
32	838	-0.0047	-0.0236
32	841	-0.0101	-0.0234
32	844	-0.0157	-0.0231
33	885	-0.0305	-0.0228
33	888	-0.0489	-0.0235
34	928	-0.0392	-0.0290
34	925	0.0161	-0.0314
35	968	0.0478	-0.0406
35	971	0.0482	-0.0751
35	974	0.0440	-0.0857

Table 13. Pressure Coefficients at  $M_\infty = 0.95$  for Cavity of  $w = 2.4$  in. and  $h = 2.4$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ , psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
30	712	0.95	3.35	6.61	11.82	4.18	107.2	1.67	1.2366	-0.2928	-0.3280	-0.3268	-0.3501	-0.4026	0.0442	-0.3349	0.0113	0.0598
30	715	0.95	3.34	6.61	11.82	4.18	108.0	2.00	1.2369	-0.2923	-0.3271	-0.3256	-0.3504	-0.4018	0.0457	-0.3241	0.0159	0.0599
30	718	0.95	3.34	6.62	11.82	4.18	109.3	4.00	1.2364	-0.2941	-0.3286	-0.3267	-0.3519	-0.4026	0.0465	-0.3088	0.0205	0.0595
31	766	0.95	3.39	6.62	11.84	4.19	102.6	6.00	1.2367	-0.2842	-0.3259	-0.3266	-0.3523	-0.4043	0.0442	-0.3341	0.0093	0.0568
31	769	0.95	3.39	6.61	11.81	4.17	102.4	7.00	1.2371	-0.2839	-0.3260	-0.3256	-0.3524	-0.4043	0.0451	-0.3310	0.0108	0.0577
31	772	0.95	3.38	6.61	11.81	4.17	102.5	8.00	1.2371	-0.2840	-0.3262	-0.3258	-0.3530	-0.4042	0.0462	-0.3323	0.0104	0.0577
32	826	0.95	3.40	6.60	11.82	4.18	101.2	8.75	1.2380	-0.2712	-0.3182	-0.3052	-0.3497	-0.3951	0.0421	-0.3387	0.0084	0.0619
32	829	0.95	3.40	6.61	11.83	4.19	101.3	9.00	1.2388	-0.2711	-0.3185	-0.3059	-0.3504	-0.3957	0.0421	-0.3411	0.0066	0.0615
32	832	0.95	3.40	6.61	11.84	4.19	101.9	10.00	1.2387	-0.2720	-0.3183	-0.3060	-0.3505	-0.3958	0.0435	-0.3412	0.0073	0.0618
33	876	0.95	3.39	6.62	11.84	4.19	102.6	10.42	1.2381	-0.2737	-0.3167	-0.3114	-0.3526	-0.3999	0.0401	-0.3384	0.0096	0.0590
33	879	0.95	3.39	6.62	11.84	4.19	103.1	11.00	1.2381	-0.2738	-0.3172	-0.3118	-0.3527	-0.4004	0.0412	-0.3399	0.0089	0.0586
33	882	0.95	3.38	6.62	11.83	4.18	104.1	12.00	1.2374	-0.2746	-0.3177	-0.3124	-0.3536	-0.4010	0.0402	-0.3344	0.0118	0.0583
34	919	0.95	3.40	6.61	11.82	4.18	100.6	13.00	1.2374	-0.2754	-0.3139	-0.3157	-0.3542	-0.4016	0.0410	-0.3456	0.0044	0.0577
34	922	0.95	3.40	6.62	11.83	4.18	101.1	14.00	1.2375	-0.2752	-0.3137	-0.3159	-0.3543	-0.4017	0.0428	-0.3425	0.0065	0.0573
35	965	0.95	3.33	6.62	11.82	4.17	110.3	15.00	1.2355	-0.2777	-0.3141	-0.3145	-0.3555	-0.4001	0.0527	-0.3298	0.0136	0.0578
35	962	0.95	3.33	6.61	11.81	4.17	109.5	17.00	1.2356	-0.2778	-0.3140	-0.3151	-0.3554	-0.4003	0.0480	-0.3353	0.0111	0.0575
35	959	0.95	3.34	6.61	11.81	4.17	108.7	17.50	1.2359	-0.2778	-0.3142	-0.3153	-0.3557	-0.4010	0.0472	-0.3409	0.0079	0.0575
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
30	712	0.0586	0.0509	1.2391	0.1424	0.1036	0.0817	0.1201	0.0965	0.0436	0.2307	0.2182	0.1939	0.1663	0.1171	0.1093	0.0597	-0.0204
30	715	0.0579	0.0503	1.2398	0.1429	0.1037	0.0814	0.1213	0.0966	0.0455	0.2305	0.2176	0.1938	0.1661	0.1173	0.1098	0.0605	-0.0197
30	718	0.0565	0.0489	1.2389	0.1426	0.1030	0.0811	0.1230	0.0962	0.0469	0.2302	0.2173	0.1938	0.1654	0.1166	0.1095	0.0605	-0.0204
31	766	0.0557	0.0505	1.2343	0.1402	0.0990	0.0809	0.0888	0.0919	0.0435	0.2270	0.2158	0.1885	0.1655	0.1143	0.1041	0.0495	-0.0211
31	769	0.0562	0.0500	1.2350	0.1406	0.0996	0.0811	0.0931	0.0929	0.0447	0.2276	0.2161	0.1894	0.1656	0.1146	0.1047	0.0512	-0.0211
31	772	0.0567	0.0504	1.2364	0.1414	0.1004	0.0811	0.0966	0.0937	0.0451	0.2281	0.2166	0.1902	0.1657	0.1151	0.1052	0.0523	-0.0211
32	826	0.0610	0.0536	1.2400	0.1472	0.1039	0.0835	0.1193	0.0986	0.0419	0.2326	0.2201	0.1959	0.1684	0.1197	0.1117	0.0617	-0.0173
32	829	0.0609	0.0533	1.2405	0.1475	0.1042	0.0842	0.1193	0.0986	0.0423	0.2337	0.2201	0.1958	0.1688	0.1197	0.1117	0.0617	-0.0177
32	832	0.0609	0.0536	1.2403	0.1474	0.1045	0.0838	0.1209	0.0985	0.0434	0.2335	0.2199	0.1957	0.1683	0.1196	0.1112	0.0617	-0.0176
33	876	0.0574	0.0511	1.2368	0.1439	0.0994	0.0820	0.0963	0.0941	0.0393	0.2289	0.2161	0.1905	0.1659	0.1164	0.1063	0.0531	-0.0205
33	879	0.0570	0.0508	1.2368	0.1447	0.0994	0.0814	0.0980	0.0937	0.0401	0.2283	0.2166	0.1902	0.1659	0.1160	0.1067	0.0535	-0.0202
33	882	0.0563	0.0494	1.2365	0.1437	0.0995	0.0807	0.1005	0.0938	0.0394	0.2277	0.2164	0.1900	0.1654	0.1158	0.1064	0.0535	-0.0209
34	919	0.0572	0.0516	1.2354	0.1439	0.0989	0.0812	0.0890	0.0932	0.0402	0.2281	0.2152	0.1892	0.1667	0.1163	0.1062	0.0506	-0.0213
34	922	0.0568	0.0505	1.2358	0.1438	0.0992	0.0815	0.0921	0.0932	0.0416	0.2283	0.2151	0.1895	0.1662	0.1163	0.1062	0.0513	-0.0216
35	965	0.0554	0.0482	1.2365	0.1448	0.0959	0.0831	0.1077	0.0944	0.0528	0.2290	0.2158	0.1915	0.1658	0.1168	0.1078	0.0570	-0.0216
35	962	0.0554	0.0486	1.2369	0.1445	0.0949	0.0828	0.1039	0.0938	0.0469	0.2284	0.2152	0.1910	0.1655	0.1165	0.1071	0.0559	-0.0220
35	959	0.0562	0.0496	1.2362	0.1445	0.0949	0.0831	0.0998	0.0937	0.0469	0.2287	0.2155	0.1905	0.1658	0.1165	0.1067	0.0548	-0.0220

Table 13. Continued

Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
30	712	-0.1265	-0.2583	0.0457	0.0389	0.0361	0.0343	0.0309	0.0292	0.0263	0.0204	0.0139	0.0163	0.0203	0.0307	0.0152	0.0057	0.0145
30	715	-0.1259	-0.2581	0.0455	0.0391	0.0367	0.0350	0.0318	0.0302	0.0275	0.0215	0.0149	0.0172	0.0214	0.0331	0.0164	0.0059	0.0149
30	718	-0.1259	-0.2585	0.0443	0.0383	0.0362	0.0350	0.0316	0.0301	0.0279	0.0219	0.0154	0.0175	0.0223	0.0306	0.0180	0.0133	0.0084
31	766	-0.1375	-0.2594	0.0469	0.0371	0.0319	0.0323	0.0321	0.0284	0.0250	0.0222	0.0145	0.0198	0.0179	0.0196	0.0112	0.0128	0.0201
31	769	-0.1360	-0.2589	0.0464	0.0372	0.0324	0.0325	0.0322	0.0288	0.0255	0.0218	0.0139	0.0189	0.0167	0.0177	0.0102	0.0108	0.0226
31	772	-0.1346	-0.2590	0.0462	0.0376	0.0331	0.0329	0.0318	0.0285	0.0253	0.0212	0.0134	0.0178	0.0158	0.0155	0.0097	0.0079	0.0226
32	826	-0.1252	-0.2522	0.0495	0.0412	0.0382	0.0366	0.0339	0.0312	0.0279	0.0232	0.0148	0.0166	0.0156	0.0159	0.0113	0.0057	0.0243
32	829	-0.1256	-0.2526	0.0494	0.0414	0.0388	0.0370	0.0337	0.0312	0.0280	0.0234	0.0151	0.0168	0.0157	0.0157	0.0113	0.0041	0.0237
32	832	-0.1255	-0.2527	0.0488	0.0410	0.0380	0.0359	0.0330	0.0304	0.0268	0.0219	0.0132	0.0143	0.0122	0.0090	0.0079	-0.0026	0.0242
33	876	-0.1354	-0.2572	0.0465	0.0365	0.0325	0.0321	0.0310	0.0278	0.0234	0.0196	0.0105	0.0132	0.0079	0.0015	0.0025	-0.0063	0.0215
33	879	-0.1351	-0.2576	0.0462	0.0367	0.0327	0.0323	0.0308	0.0273	0.0230	0.0189	0.0093	0.0120	0.0065	-0.0010	0.0012	-0.0094	0.0208
33	882	-0.1351	-0.2585	0.0451	0.0360	0.0323	0.0318	0.0298	0.0266	0.0225	0.0177	0.0085	0.0104	0.0048	-0.0039	-0.0004	-0.0130	0.0190
34	919	-0.1386	-0.2585	0.0460	0.0356	0.0292	0.0307	0.0300	0.0262	0.0215	0.0178	0.0080	0.0099	0.0025	-0.0070	-0.0026	-0.0146	0.0155
34	922	-0.1378	-0.2588	0.0453	0.0354	0.0294	0.0308	0.0297	0.0265	0.0213	0.0172	0.0075	0.0091	0.0017	-0.0077	-0.0033	-0.0158	0.0144
35	965	-0.1339	-0.2587	0.0440	0.0358	0.0316	0.0319	0.0294	0.0267	0.0224	0.0174	0.0079	0.0082	0.0033	-0.0055	-0.0009	-0.0163	0.0150
35	962	-0.1351	-0.2593	0.0442	0.0353	0.0309	0.0311	0.0290	0.0266	0.0219	0.0168	0.0072	0.0075	0.0022	-0.0064	-0.0022	-0.0177	0.0129
35	959	-0.1362	-0.2596	0.0447	0.0353	0.0301	0.0311	0.0288	0.0257	0.0209	0.0162	0.0067	0.0073	0.0015	-0.0080	-0.0035	-0.0182	0.0119
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP60	CP61				
30	712	-0.0077	0.0227	0.0099	0.0142	0.0293	0.0423	0.0430	0.0422	0.0443	0.0444	0.0393	0.0440	0.0416				
30	715	-0.0068	0.0236	0.0117	0.0149	0.0301	0.0442	0.0449	0.0554	0.0561	0.0466	0.0413	0.0459	0.0436				
30	718	-0.0094	0.0228	0.0128	0.0069	0.0297	0.0453	0.0462	0.0437	0.0428	0.0472	0.0417	0.0470	0.0443				
31	766	0.0066	0.0112	0.0126	0.0252	0.0113	0.0492	0.0490	0.0302	0.0302	0.0486	0.0496	0.0484	0.0496				
31	769	0.0218	0.0030	0.0109	0.0304	0.0042	0.0497	0.0497	0.0244	0.0238	0.0495	0.0498	0.0491	0.0497				
31	772	0.0416	-0.0095	0.0092	0.0316	-0.0075	0.0492	0.0492	0.0118	0.0142	0.0495	0.0491	0.0489	0.0492				
32	826	0.0483	0.0052	0.0072	0.0334	0.0093	0.0415	0.0420	0.0076	0.0051	0.0430	0.0395	0.0412	0.0400				
32	829	0.0494	0.0129	0.0063	0.0332	0.0170	0.0413	0.0418	0.0024	0.0018	0.0430	0.0390	0.0407	0.0395				
32	832	0.0597	0.0573	0.0032	0.0351	0.0620	0.0425	0.0430	-0.0174	-0.0191	0.0440	0.0398	0.0420	0.0405				
33	876	0.0670	0.0714	0.0027	0.0337	0.0726	0.0419	0.0419	-0.0333	-0.0309	0.0421	0.0418	0.0415	0.0416				
33	879	0.0646	0.0819	0.0012	0.0333	0.0836	0.0427	0.0428	-0.0439	-0.0401	0.0427	0.0421	0.0424	0.0423				
33	882	0.0564	0.0809	-0.0013	0.0309	0.0835	0.0418	0.0421	-0.0526	-0.0488	0.0419	0.0408	0.0414	0.0412				
34	919	0.0537	0.0713	-0.0080	0.0276	0.0718	0.0447	0.0446	-0.0594	-0.0499	0.0444	0.0454	0.0447	0.0455				
34	922	0.0488	0.0615	-0.0087	0.0262	0.0621	0.0462	0.0459	-0.0615	-0.0517	0.0460	0.0464	0.0459	0.0465				
35	965	0.0414	0.0536	-0.0101	0.0261	0.0571	0.0565	0.0567	-0.0581	-0.0497	0.0574	0.0553	0.0567	0.0560				
35	962	0.0390	0.0447	-0.0103	0.0240	0.0477	0.0498	0.0502	-0.0611	-0.0528	0.0509	0.0492	0.0500	0.0492				
35	959	0.0391	0.0431	-0.0107	0.0231	0.0456	0.0506	0.0507	-0.0621	-0.0528	0.0508	0.0497	0.0508	0.0505				

Table 13. Continued

Run	Point	CP62	CP63	CP64	CP65	CP66	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74	CP75	CP76	CP77	CP78
30	712	0.0380	0.0436															
30	715	0.0402	0.0459															
30	718	0.0402	0.0467	0.0441	0.0421	0.0417	0.0475	0.0411										
31	766	0.0509	0.0481	0.0496	0.0493	0.0506	0.0486	0.0500	0.0478	0.0490	0.0491	0.0494						
31	769	0.0511	0.0488	0.0497	0.0495	0.0499	0.0491	0.0498	0.0487	0.0493	0.0494	0.0497	0.0496					
31	772	0.0496	0.0487	0.0489	0.0487	0.0496	0.0491	0.0491	0.0490	0.0488	0.0491	0.0490	0.0490	0.0492				
32	826	0.0376	0.0411	0.0392	0.0388	0.0384	0.0417	0.0378	0.0425	0.0391	0.0407	0.0398	0.0392	0.0367	0.0415			
32	829	0.0371	0.0407	0.0389	0.0382	0.0377	0.0414	0.0371	0.0421	0.0387	0.0402	0.0395	0.0387	0.0362	0.0413			
32	832	0.0381	0.0419	0.0397	0.0391	0.0387	0.0425	0.0381	0.0438	0.0397	0.0415	0.0405	0.0398	0.0370	0.0429	0.0358		
33	876	0.0415	0.0414	0.0417	0.0417	0.0420	0.0415	0.0414	0.0418	0.0413	0.0417	0.0417	0.0417	0.0415	0.0418	0.0419	0.0419	
33	879	0.0422	0.0424	0.0422	0.0423	0.0426	0.0427	0.0421	0.0428	0.0422	0.0424	0.0425	0.0424	0.0419	0.0425	0.0422	0.0425	0.0426
33	882	0.0406	0.0413	0.0411	0.0409	0.0411	0.0416	0.0404	0.0418	0.0407	0.0415	0.0412	0.0409	0.0404	0.0417	0.0403	0.0407	0.0414
34	919	0.0466	0.0445	0.0454	0.0456	0.0465	0.0449	0.0458	0.0444	0.0452	0.0452	0.0454	0.0455	0.0463	0.0445	0.0471	0.0467	0.0446
34	922	0.0471	0.0457	0.0464	0.0463	0.0470	0.0462	0.0467	0.0457	0.0460	0.0464	0.0466	0.0465	0.0467	0.0459	0.0476	0.0472	0.0457
35	965	0.0548	0.0565	0.0555	0.0546	0.0546	0.0568	0.0543	0.0574	0.0554	0.0563	0.0559	0.0553	0.0538	0.0571	0.0532	0.0542	0.0568
35	962	0.0487	0.0499	0.0490	0.0483	0.0492	0.0504	0.0480	0.0505	0.0489	0.0497	0.0495	0.0490	0.0477	0.0505	0.0477	0.0483	0.0501
35	959	0.0501	0.0507	0.0501	0.0498	0.0507	0.0509	0.0495	0.0512	0.0501	0.0507	0.0505	0.0501	0.0494	0.0510	0.0495	0.0500	0.0507
Run	Point	CP79	CP80	CP81	CP82	CP83	CP84	CP85	CP86	CP87	CP88	CP89	CP90	CP91	CP92	CP93	CP94	CP95
30	712	0.1611								0.0405	0.0277	0.0437	0.0630					
30	715	0.0384								0.0435	0.0269	0.0338	0.0625					
30	718	0.0147								0.0508	0.0435	0.0495	0.0589	0.0715	0.0820	0.1359		
31	766	-0.0021	0.0519	0.0980	0.2408					0.0350	0.0306	0.0262	0.0297	0.0361	0.0535	0.0759	0.1087	0.1291
31	769	-0.0139	0.0479	0.1079	0.1577					0.0357	0.0278	0.0235	0.0243	0.0290	0.0368	0.0615	0.0997	0.1285
31	772	-0.0125	0.0146	0.0942	0.1642	0.2354				0.0385	0.0273	0.0220	0.0219	0.0243	0.0309	0.0491	0.0831	0.1201
32	826	-0.0156	0.0281	0.0971	0.1726	0.2923	0.2898			0.0426	0.0261	0.0237	0.0261	0.0264	0.0292	0.0521	0.0859	0.1298
32	829	-0.0147	0.0157	0.0922	0.1789	0.2992	0.3313			0.0431	0.0262	0.0238	0.0254	0.0259	0.0313	0.0483	0.0805	0.1260
32	832	-0.0474	0.0146	0.0933	0.1940	0.3118	0.3745	0.4096		0.0413	0.0189	0.0155	0.0175	0.0210	0.0238	0.0488	0.0876	0.1365
33	876	-0.0780	-0.0141	0.0958	0.1885	0.2958	0.3765	0.4200	0.4221	0.0200	-0.0020	-0.0102	-0.0092	-0.0049	0.0020	0.0284	0.0741	0.1293
33	879	-0.0938	-0.0074	0.1125	0.1949	0.2518	0.3231	0.4126	0.4587	0.0190	-0.0061	-0.0156	-0.0141	-0.0092	0.0013	0.0314	0.0817	0.1358
33	882	-0.1061	0.0079	0.1292	0.1920	0.1866	0.2160	0.2944	0.4135	0.0172	-0.0094	-0.0182	-0.0164	-0.0095	-0.0006	0.0313	0.0835	0.1334
34	919	-0.1073	0.0137	0.1431	0.1946	0.1579	0.1558	0.1831	0.2695	0.0273	0.0044	-0.0039	0.0004	0.0078	0.0169	0.0465	0.0941	0.1384
34	922	-0.1088	0.0075	0.1412	0.1908	0.1391	0.1248	0.1272	0.1683	0.0278	0.0039	-0.0048	-0.0001	0.0074	0.0164	0.0450	0.0917	0.1362
35	965	-0.1101	0.0096	0.1381	0.1877	0.1269	0.1075	0.0976	0.1134	0.0319	-0.0033	-0.0152	-0.0145	-0.0102	-0.0014	0.0280	0.0806	0.1344
35	962	-0.1151	0.0059	0.1327	0.1767	0.1178	0.0938	0.0759	0.0774	0.0258	-0.0064	-0.0168	-0.0166	-0.0105	-0.0021	0.0282	0.0792	0.1290
35	959	-0.1159	0.0099	0.1365	0.1783	0.1164	0.0922	0.0731	0.0739	0.0277	-0.0030	-0.0133	-0.0113	-0.0049	0.0019	0.0314	0.0813	0.1310

Table 13. Continued

Run	Point	CP96	CP97	CP98	CP99	CP100	CP101	CP102	CP103	CP104	CP105	CP106	CP107	CP108	CP109	CP110	CP111	CP112
30	712						0.0295	0.0465										
30	715						0.0351	0.0500										
30	718						0.0575	0.0619	0.0927									
31	766	0.1501					0.0256	0.0373	0.0422	0.0931								
31	769	0.1585	0.1781				0.0264	0.0335	0.0409	0.0872								
31	772	0.1614	0.1979	0.1979			0.0262	0.0324	0.0382	0.0823	0.1144							
32	826	0.1772	0.2274	0.2274	0.2446		0.0423	0.0448	0.0604	0.0972	0.1779							
32	829	0.1760	0.2305	0.2305	0.2568		0.0418	0.0448	0.0591	0.0986	0.1939							
32	832	0.1886	0.2433	0.2433	0.2960	0.3710	0.0386	0.0448	0.0653	0.1141	0.2523							
33	876	0.1863	0.2412	0.2412	0.2952	0.3881	0.0151	0.0301	0.0459	0.1006	0.2429							
33	879	0.1837	0.2224	0.2224	0.2660	0.3817	0.0127	0.0288	0.0457	0.1007	0.2252	0.4996						
33	882	0.1697	0.1882	0.1882	0.1917	0.3061	0.0088	0.0239	0.0414	0.0941	0.1745	0.4812	0.4794					
34	919	0.1691	0.1748	0.1748	0.1421	0.2222	0.0143	0.0311	0.0448	0.0975	0.1401	0.4032	0.4831	0.5010				
34	922	0.1631	0.1637	0.1637	0.1139	0.1644	0.0139	0.0301	0.0433	0.0931	0.1160	0.2453	0.3727	0.4757				
35	965	0.1614	0.1603	0.1603	0.1025	0.1279	0.0230	0.0330	0.0488	0.0975	0.1038	0.1500	0.2184	0.3427	0.4875			
35	962	0.1552	0.1522	0.1522	0.0888	0.0985	0.0161	0.0271	0.0406	0.0891	0.0907	0.0856	0.0993	0.1291	0.2857	0.4284	0.4730	0.4841
35	959	0.1546	0.1502	0.1502	0.0865	0.0944	0.0161	0.0279	0.0426	0.0924	0.0916	0.0795	0.0880	0.1081	0.2152	0.3378	0.4072	0.4613
Run	Point	CP113	CP114	CP115	CP116	CP117	CP118	CP119	CP120	CP121	CP122	CP123	CP124	CP125	CP126	CP127	CP128	CP129
30	712																	
30	715																	
30	718																	
31	766																	
31	769																	
31	772																	
32	826																	
32	829																	
32	832																	
33	876				0.3665													0.3120
33	879				0.4186	0.3618												0.3648
33	882				0.3972	0.4362	0.4061											0.3670
34	919				0.3116	0.3889	0.4309	0.4175										0.2852 0.4482
34	922				0.2234	0.2935	0.3612	0.4169	0.4243									0.2003 0.4442
35	965				0.1575	0.2028	0.2537	0.3279	0.3921	0.4108								0.1393 0.3530
35	962	0.4935	0.4803		0.0997	0.1083	0.1193	0.1440	0.1768	0.2081	0.2121	0.1918	0.1657	0.1437	0.1110			0.0905 0.1579
35	959	0.4789	0.4939	0.4842	0.0916	0.0950	0.1023	0.1175	0.1385	0.1586	0.1621	0.1492	0.1316	0.1178	0.0976	0.0672	0.0854	0.1306

Table 13. Continued

Run	Point	CP130	CP131	CP132	CP133	CP134	CP135	CP136	CP137	CP138	CP139	CP140	CP141	CP142	CP143	CP144	CP145	CP146
30	712																	0.1695
30	715																	0.1864
30	718																	0.3025
31	766																	0.4394
31	769																	0.4578
31	772																	0.4972
32	826																	0.6572
32	829																	0.6595
32	832																	0.7648
33	876																	0.8071
33	879																	0.7979
33	882				0.0406													0.8035
34	919				0.0450	0.0455												0.8003
34	922				0.0461	0.0464	0.0458	0.0469	0.0462									0.7847
35	965				0.0554	0.0564	0.0523	0.0574	0.0530	0.0553	0.0569							0.7794
35	962	0.3588	0.3644	0.2547	0.0488	0.0493	0.0461	0.0504	0.0474	0.0495	0.0509	0.0474	0.0509	0.0495	0.0457	0.0493		0.7463
35	959	0.2887	0.3073	0.2259	0.0503	0.0507	0.0480	0.0514	0.0487	0.0499	0.0510	0.0487	0.0517	0.0510	0.0479	0.0506	0.0515	0.7385
Run	Point	CP147	CP149	CP150	CP151	CP152	CP153	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163	
30	712	0.0391	0.1094					0.0346	0.0383	0.0408	0.0376	0.0410	0.0454	0.0441	0.0408	0.0363	0.0334	
30	715	0.0611	0.1199					0.0348	0.0387	0.0413	0.0382	0.0414	0.0462	0.0451	0.0410	0.0366	0.0334	
30	718	0.1926	0.1846					0.0345	0.0384	0.0410	0.0375	0.0407	0.0459	0.0442	0.0405	0.0366	0.0345	
31	766	0.3341	0.2203					0.0280	0.0375	0.0461	0.0461	0.0474	0.0471	0.0472	0.0441	0.0400	0.0334	
31	769	0.3915	0.2470					0.0260	0.0362	0.0449	0.0448	0.0467	0.0473	0.0470	0.0436	0.0398	0.0334	
31	772	0.4795	0.2982					0.0209	0.0332	0.0424	0.0427	0.0448	0.0461	0.0462	0.0431	0.0393	0.0336	
32	826	0.5626	0.3365					0.0131	0.0201	0.0281	0.0318	0.0404	0.0461	0.0457	0.0412	0.0360	0.0308	
32	829	0.5740	0.3453					0.0093	0.0177	0.0266	0.0304	0.0394	0.0456	0.0453	0.0412	0.0363	0.0316	
32	832	0.6831	0.4216					-0.0172	-0.0022	0.0135	0.0222	0.0340	0.0422	0.0437	0.0406	0.0365	0.0325	
33	876	0.7561	0.4723	0.0408				-0.0250	-0.0077	0.0099	0.0158	0.0229	0.0299	0.0366	0.0385	0.0360	0.0308	
33	879	0.7603	0.4995	0.0414				-0.0167	-0.0257	-0.0051	0.0055	0.0162	0.0258	0.0338	0.0369	0.0355	0.0310	
33	882	0.7746	0.5200	0.0402				0.0473	-0.0065	-0.0304	-0.0164	0.0011	0.0157	0.0266	0.0318	0.0319	0.0293	
34	919	0.7917	0.5292	0.0451	0.0447			0.0878	0.0629	0.0147	-0.0288	-0.0142	0.0020	0.0129	0.0183	0.0222	0.0245	
34	922	0.7660	0.5245	0.0460	0.0459			0.0921	0.0909	0.0734	0.0246	-0.0246	-0.0212	-0.0039	0.0076	0.0149	0.0193	
35	965	0.7773	0.5262	0.0543	0.0544			0.0818	0.0908	0.0929	0.0738	0.0333	-0.0209	-0.0260	-0.0066	0.0056	0.0111	
35	962	0.7361	0.5171	0.0480	0.0482	0.0480	0.0485	0.0634	0.0723	0.0829	0.0887	0.0947	0.0886	0.0577	0.0006	-0.0391	-0.0261	
35	959	0.7287	0.5113	0.0494	0.0495	0.0492	0.0495	0.0605	0.0682	0.0788	0.0853	0.0941	0.0959	0.0796	0.0362	-0.0266	-0.0425	

Table 13. Concluded

Run	Point	CP164	CP165
30	712	0.0410	0.0281
30	715	0.0412	0.0287
30	718	0.0406	0.0298
31	766	0.0454	0.0310
31	769	0.0443	0.0307
31	772	0.0429	0.0308
32	826	0.0308	0.0267
32	829	0.0297	0.0274
32	832	0.0193	0.0286
33	876	0.0130	0.0278
33	879	0.0011	0.0278
33	882	-0.0249	0.0265
34	919	-0.0168	0.0214
34	922	0.0499	0.0158
35	965	0.0858	0.0070
35	962	0.0862	-0.0302
35	959	0.0812	-0.0469



Table 14. Pressure Coefficients at  $M_\infty = 0.80$  for Cavity of  $w = 9.6$  in. and  $h = 0.6$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ , psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
36	1014	0.80	3.83	9.31	14.18	4.16	97.5	2.00	1.1174	-0.3581	-0.2931	-0.2398	-0.2278	-0.1791	-0.0013	-0.0834	-0.0632	-0.0466
36	1017	0.80	3.82	9.31	14.18	4.17	97.8	4.00	1.1177	-0.3580	-0.2930	-0.2397	-0.2277	-0.1790	-0.0006	-0.0826	-0.0628	-0.0462
36	1020	0.80	3.82	9.31	14.18	4.16	98.2	6.00	1.1169	-0.3575	-0.2925	-0.2395	-0.2274	-0.1791	-0.0002	-0.0827	-0.0632	-0.0466
36	1023	0.80	3.81	9.32	14.18	4.16	98.6	7.00	1.1135	-0.3569	-0.2917	-0.2390	-0.2269	-0.1786	-0.0009	-0.0824	-0.0629	-0.0463
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
36	1014	-0.0444	-0.0398	1.1450	0.0987	0.0671	0.0387	0.1024	0.0411	-0.0002	0.1513	0.1324	0.1140	0.0889	0.0452	0.0469	0.0144	-0.0514
36	1017	-0.0437	-0.0395	1.1456	0.0994	0.0674	0.0390	0.1013	0.0414	0.0009	0.1520	0.1330	0.1139	0.0892	0.0456	0.0469	0.0144	-0.0507
36	1020	-0.0441	-0.0395	1.1448	0.0987	0.0671	0.0390	0.1003	0.0411	0.0006	0.1513	0.1328	0.1136	0.0889	0.0453	0.0469	0.0140	-0.0511
36	1023	-0.0437	-0.0395	1.1441	0.0985	0.0673	0.0387	0.0998	0.0412	0.0006	0.1512	0.1326	0.1138	0.0890	0.0453	0.0470	0.0140	-0.0507
Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
36	1014	-0.0565	-0.0706	-0.0324	-0.0192	-0.0084	-0.0070	-0.0103	-0.0057	-0.0041	-0.0095	-0.0145	-0.0122	-0.0010	0.0103	-0.0033	-0.0121	-0.0313
36	1017	-0.0565	-0.0702	-0.0315	-0.0187	-0.0079	-0.0065	-0.0094	-0.0047	-0.0031	-0.0083	-0.0133	-0.0107	0.0010	0.0130	-0.0015	-0.0146	-0.0316
36	1020	-0.0565	-0.0706	-0.0320	-0.0192	-0.0086	-0.0070	-0.0102	-0.0054	-0.0038	-0.0085	-0.0134	-0.0107	0.0006	0.0112	-0.0013	-0.0114	-0.0336
36	1023	-0.0566	-0.0703	-0.0317	-0.0189	-0.0082	-0.0067	-0.0099	-0.0047	-0.0033	-0.0085	-0.0131	-0.0107	0.0005	0.0102	-0.0010	-0.0072	-0.0343
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP60	CP61				
36	1014	-0.0399	-0.0339	-0.0193	-0.0314	-0.0179	-0.0202	-0.0191	-0.0148	-0.0235	-0.0145	-0.0249	-0.0172					
36	1017	-0.0392	-0.0336	-0.0175	-0.0315	-0.0177	-0.0181	-0.0177	-0.0141	-0.0223	-0.0147	-0.0265	-0.0186	-0.0197				
36	1020	-0.0398	-0.0339	-0.0173	-0.0328	-0.0182	-0.0199	-0.0186	-0.0153	-0.0237	-0.0163	-0.0288	-0.0198	-0.0240				
36	1023	-0.0398	-0.0338	-0.0170	-0.0333	-0.0181	-0.0208	-0.0195	-0.0160	-0.0242	-0.0170	-0.0297	-0.0208	-0.0261				
Run	Point	CP62	CP63															
36	1014																	
36	1017																	
36	1020	-0.0197																
36	1023	-0.0214	-0.0011															



Table 15. Pressure Coefficients at  $M_\infty = 0.90$  for Cavity of  $w = 9.6$  in. and  $h = 0.6$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
36	1002	0.90	3.51	7.38	12.48	4.19	102.5	2.00	1.1951	-0.3803	-0.4047	-0.3838	-0.4122	-0.1446	0.0415	-0.0444	-0.0299	-0.0163
36	1005	0.90	3.51	7.38	12.48	4.19	102.8	4.00	1.1948	-0.3799	-0.4047	-0.3835	-0.4122	-0.1439	0.0422	-0.0444	-0.0295	-0.0159
36	1008	0.90	3.50	7.38	12.49	4.19	103.6	6.00	1.1950	-0.3809	-0.4050	-0.3838	-0.4121	-0.1403	0.0422	-0.0448	-0.0295	-0.0159
36	1011	0.90	3.50	7.39	12.49	4.19	104.3	7.00	1.1947	-0.3816	-0.4065	-0.3849	-0.4129	-0.1392	0.0404	-0.0451	-0.0299	-0.0159
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
36	1002	-0.0165	-0.0128	1.2079	0.1298	0.0914	0.0647	0.1255	0.0751	0.0419	0.1997	0.1831	0.1614	0.1314	0.0850	0.0820	0.0406	-0.0433
36	1005	-0.0161	-0.0125	1.2079	0.1302	0.0918	0.0647	0.1279	0.0751	0.0434	0.2000	0.1831	0.1617	0.1314	0.0854	0.0824	0.0409	-0.0429
36	1008	-0.0161	-0.0125	1.2081	0.1305	0.0921	0.0651	0.1299	0.0758	0.0434	0.2004	0.1835	0.1621	0.1314	0.0857	0.0824	0.0417	-0.0422
36	1011	-0.0161	-0.0128	1.2082	0.1309	0.0921	0.0651	0.1310	0.0758	0.0415	0.2000	0.1831	0.1621	0.1314	0.0857	0.0824	0.0420	-0.0429
Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
36	1002	-0.1402	-0.0565	-0.0057	0.0048	0.0139	0.0147	0.0115	0.0149	0.0154	0.0103	0.0050	0.0077	0.0181	0.0312	0.0152	0.0099	-0.0110
36	1005	-0.1391	-0.0565	-0.0059	0.0050	0.0145	0.0152	0.0118	0.0154	0.0164	0.0112	0.0064	0.0087	0.0199	0.0337	0.0171	0.0053	-0.0119
36	1008	-0.1380	-0.0557	-0.0059	0.0053	0.0150	0.0159	0.0123	0.0162	0.0169	0.0115	0.0067	0.0092	0.0207	0.0335	0.0187	0.0112	-0.0128
36	1011	-0.1376	-0.0561	-0.0062	0.0052	0.0150	0.0155	0.0116	0.0157	0.0165	0.0114	0.0066	0.0087	0.0197	0.0315	0.0178	0.0157	-0.0143
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP60	CP61				
36	1002	-0.0079	0.0028	0.0017	-0.0109	0.0160	0.0251	0.0275	0.0304	0.0239	0.0310	0.0209	0.0278					
36	1005	-0.0090	0.0028	0.0031	-0.0114	0.0165	0.0263	0.0276	0.0304	0.0235	0.0302	0.0181	0.0252	0.0259				
36	1008	-0.0098	0.0028	0.0034	-0.0123	0.0169	0.0241	0.0257	0.0286	0.0215	0.0281	0.0153	0.0231	0.0196				
36	1011	-0.0107	0.0024	0.0027	-0.0135	0.0167	0.0206	0.0225	0.0260	0.0182	0.0251	0.0121	0.0199	0.0153				
Run	Point	CP62	CP63															
36	1002																	
36	1005																	
36	1008	0.0237																
36	1011	0.0170	0.0395															

Table 15. Concluded

Run	Point	CP79	CP87	CP88	CP89	CP90					
36	1002		0.0525								
36	1005		0.0287	0.0419							
36	1008		0.0334	0.0265	0.0927						
36	1011	0.1814	0.0320	0.0207	0.0904	0.1820					
Run	Point	CP101	CP102								
36	1002										
36	1005	0.0585									
36	1008	0.0379									
36	1011	0.0333	0.1583								
Run	Point	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163
36	1002	0.0049	0.0081	0.0060	-0.0035	-0.0007	0.0047	-0.0010	-0.0090	-0.0185	-0.0256
36	1005	0.0049	0.0084	0.0062	-0.0035	-0.0005	0.0052	0.0000	-0.0078	-0.0165	-0.0218
36	1008	0.0051	0.0088	0.0067	-0.0032	-0.0001	0.0059	0.0005	-0.0071	-0.0153	-0.0193
36	1011	0.0049	0.0084	0.0060	-0.0037	-0.0005	0.0057	0.0005	-0.0067	-0.0146	-0.0186
Run	Point	CP164	CP165								
36	1002	0.0052	-0.0382								
36	1005	0.0056	-0.0345								
36	1008	0.0055	-0.0321								
36	1011	0.0057	-0.0317								

Table 16. Pressure Coefficients at  $M_\infty = 0.95$  for Cavity of  $w = 9.6$  in. and  $h = 0.6$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ , psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
36	990	0.95	3.42	6.61	11.82	4.18	98.6	2.00	1.2302	-0.2732	-0.3112	-0.3120	-0.3558	-0.3959	0.0408	-0.3474	0.0061	0.0627
36	993	0.95	3.41	6.63	11.85	4.19	100.5	4.00	1.2309	-0.2743	-0.3129	-0.3123	-0.3582	-0.3967	0.0439	-0.3444	0.0118	0.0636
36	996	0.95	3.40	6.63	11.84	4.18	101.3	6.00	1.2305	-0.2755	-0.3150	-0.3129	-0.3596	-0.3972	0.0430	-0.3351	0.0179	0.0638
36	999	0.95	3.40	6.63	11.84	4.18	101.7	7.00	1.2310	-0.2756	-0.3147	-0.3130	-0.3601	-0.3973	0.0401	-0.3316	0.0200	0.0642
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
36	990	0.0608	0.0531	1.2353	0.1486	0.1054	0.0847	0.1192	0.0990	0.0404	0.2320	0.2202	0.1955	0.1670	0.1184	0.1125	0.0661	-0.0190
36	993	0.0603	0.0520	1.2373	0.1508	0.1083	0.0852	0.1343	0.1009	0.0443	0.2340	0.2214	0.1979	0.1670	0.1195	0.1144	0.0704	-0.0193
36	996	0.0593	0.0504	1.2381	0.1515	0.1089	0.0858	0.1377	0.1015	0.0434	0.2342	0.2216	0.1983	0.1674	0.1201	0.1154	0.0717	-0.0193
36	999	0.0590	0.0501	1.2396	0.1508	0.1086	0.0847	0.1401	0.1008	0.0408	0.2339	0.2206	0.1980	0.1664	0.1195	0.1155	0.0721	-0.0193
Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
36	990	-0.1243	-0.2526	0.0482	0.0399	0.0368	0.0351	0.0323	0.0302	0.0263	0.0218	0.0135	0.0178	0.0218	0.0331	0.0170	0.0170	-0.0091
36	993	-0.1200	-0.2531	0.0469	0.0405	0.0395	0.0365	0.0319	0.0310	0.0280	0.0219	0.0145	0.0178	0.0252	0.0389	0.0209	0.0102	-0.0084
36	996	-0.1191	-0.2539	0.0458	0.0405	0.0402	0.0369	0.0320	0.0316	0.0289	0.0227	0.0156	0.0184	0.0259	0.0379	0.0222	0.0187	-0.0094
36	999	-0.1184	-0.2536	0.0453	0.0405	0.0406	0.0373	0.0318	0.0318	0.0293	0.0228	0.0156	0.0180	0.0257	0.0372	0.0226	0.0252	-0.0108
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP60	CP61				
36	990	0.0142	0.0210	0.0119	-0.0073	0.0264	0.0411	0.0424	0.0432	0.0409	0.0443	0.0413	0.0442					
36	993	0.0092	0.0206	0.0121	-0.0069	0.0296	0.0424	0.0437	0.0450	0.0406	0.0449	0.0366	0.0414	0.0441				
36	996	0.0078	0.0210	0.0123	-0.0072	0.0311	0.0392	0.0405	0.0423	0.0373	0.0420	0.0329	0.0383	0.0364				
36	999	0.0066	0.0208	0.0114	-0.0084	0.0315	0.0358	0.0372	0.0390	0.0339	0.0392	0.0292	0.0347	0.0318				
Run	Point	CP62	CP63															
36	990																	
36	993																	
36	996	0.0415																
36	999	0.0354	0.0550															

Table 16. Concluded

Run	Point	CP79	CP87	CP88	CP89	CP90					
36	990		0.0648								
36	993		0.0404	0.0578							
36	996		0.0430	0.0418	0.1056						
36	999	0.1906	0.0414	0.0315	0.0988	0.1960					
Run	Point	CP101	CP102								
36	990										
36	993	0.0707									
36	996	0.0530									
36	999	0.0421	0.1773								
Run	Point	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163
36	990	0.0337	0.0372	0.0395	0.0362	0.0399	0.0433	0.0414	0.0360	0.0291	0.0225
36	993	0.0326	0.0371	0.0380	0.0329	0.0376	0.0435	0.0412	0.0361	0.0300	0.0264
36	996	0.0325	0.0374	0.0383	0.0330	0.0380	0.0443	0.0420	0.0369	0.0315	0.0291
36	999	0.0324	0.0376	0.0384	0.0325	0.0377	0.0447	0.0424	0.0373	0.0320	0.0302
Run	Point	CP164	CP165								
36	990	0.0394	0.0148								
36	993	0.0384	0.0163								
36	996	0.0386	0.0183								
36	999	0.0384	0.0194								

Table 17. Pressure Coefficients at  $M_\infty = 0.20$  for Cavity of  $w = 9.6$  in. and  $h = 1.2$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ , psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
37	1066	0.20	2.06	22.96	23.62	0.65	97.4	1.00	0.8160	-0.2039	-0.1786	-0.1144	-0.1539	-0.0868	0.0706	-0.0338	-0.0044	-0.0035
37	1069	0.20	2.07	22.95	23.61	0.66	97.6	2.00	0.8080	-0.2120	-0.1871	-0.1233	-0.1652	-0.0957	0.0609	-0.0428	-0.0134	-0.0125
38	1127	0.20	2.07	22.96	23.62	0.66	97.8	4.00	0.8414	-0.2343	-0.1971	-0.1539	-0.1561	-0.1177	0.0250	-0.0592	-0.0462	-0.0310
38	1124	0.20	2.07	22.96	23.62	0.66	97.7	6.00	0.8388	-0.2314	-0.1920	-0.1512	-0.1509	-0.1128	0.0295	-0.0546	-0.0438	-0.0287
38	1121	0.20	2.07	22.94	23.61	0.66	97.5	7.00	0.8338	-0.2418	-0.2051	-0.1622	-0.1646	-0.1262	0.0179	-0.0679	-0.0527	-0.0375
40	1210	0.20	2.06	22.93	23.59	0.65	98.2	8.00	0.8308	-0.2347	-0.2092	-0.1560	-0.1694	-0.1236	0.0245	-0.0620	-0.0464	-0.0375
40	1213	0.20	2.05	22.95	23.61	0.65	98.6	9.00	0.8315	-0.2300	-0.2088	-0.1550	-0.1685	-0.1224	0.0249	-0.0648	-0.0444	-0.0378
40	1216	0.20	2.04	23.00	23.65	0.64	98.8	10.00	0.8440	-0.2132	-0.1890	-0.1324	-0.1478	-0.1020	0.0441	-0.0420	-0.0216	-0.0152
40	1219	0.20	2.05	22.99	23.65	0.65	98.8	11.00	0.8300	-0.2348	-0.2113	-0.1575	-0.1710	-0.1248	0.0155	-0.0672	-0.0467	-0.0423
41	1313	0.20	2.08	22.95	23.60	0.64	90.3	12.00	0.8553	-0.2463	-0.2071	-0.1737	-0.1643	-0.1360	-0.0245	-0.0740	-0.0655	-0.0454
41	1310	0.20	2.09	22.95	23.60	0.65	89.7	13.00	0.8519	-0.2486	-0.2076	-0.1745	-0.1653	-0.1371	-0.0244	-0.0757	-0.0673	-0.0474
41	1307	0.20	2.09	22.95	23.60	0.65	89.1	14.00	0.8537	-0.2491	-0.2103	-0.1772	-0.1680	-0.1397	-0.0268	-0.0759	-0.0697	-0.0497
41	1304	0.20	2.09	22.95	23.60	0.65	88.6	15.00	0.8460	-0.2609	-0.2200	-0.1869	-0.1756	-0.1470	-0.0363	-0.0852	-0.0790	-0.0588
41	1301	0.20	2.11	23.00	23.66	0.65	87.5	16.75	0.8498	-0.2474	-0.2020	-0.1713	-0.1597	-0.1318	-0.0196	-0.0708	-0.0624	-0.0449
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
37	1066	-0.0292	-0.0422	1.0211	0.0920	0.0821	0.0211	0.4121	0.0580	0.0811	0.1369	0.1048	0.1242	0.0562	0.0580	0.0880	0.1450	-0.0054
37	1069	-0.0385	-0.0532	1.0029	0.0822	0.0729	0.0117	0.3994	0.0486	0.0713	0.1246	0.0951	0.1145	0.0468	0.0464	0.0829	0.1372	-0.0147
38	1127	-0.0379	-0.0338	0.9889	0.0688	0.0392	0.0191	0.1270	0.0221	0.0237	0.1004	0.0822	0.0768	0.0551	0.0360	0.0394	0.0401	-0.0101
38	1124	-0.0332	-0.0315	0.9928	0.0709	0.0434	0.0190	0.1266	0.0242	0.0283	0.1024	0.0865	0.0788	0.0617	0.0403	0.0416	0.0423	-0.0078
38	1121	-0.0447	-0.0402	0.9805	0.0591	0.0301	0.0097	0.1197	0.0129	0.0189	0.0905	0.0748	0.0672	0.0479	0.0268	0.0368	0.0350	-0.0194
40	1210	-0.0471	-0.0495	0.9870	0.0627	0.0407	-0.0011	0.2256	0.0208	0.0271	0.0996	0.0736	0.0791	0.0400	0.0282	0.0464	0.0667	-0.0227
40	1213	-0.0451	-0.0476	0.9892	0.0657	0.0412	0.0013	0.2322	0.0256	0.0298	0.1030	0.0744	0.0800	0.0427	0.0286	0.0493	0.0674	-0.0228
40	1216	-0.0238	-0.0275	1.0144	0.0853	0.0618	0.0226	0.2471	0.0421	0.0492	0.1228	0.0961	0.1014	0.0638	0.0496	0.0616	0.0897	-0.0015
40	1219	-0.0499	-0.0521	0.9879	0.0611	0.0368	-0.0010	0.2192	0.0188	0.0228	0.0985	0.0722	0.0777	0.0382	0.0241	0.0446	0.0627	-0.0275
41	1313	-0.0482	-0.0403	0.9800	0.0551	0.0190	0.0086	0.0312	0.0070	-0.0277	0.0984	0.0726	0.0602	0.0506	0.0225	0.0266	0.0110	-0.0230
41	1310	-0.0502	-0.0423	0.9754	0.0522	0.0187	0.0061	0.0220	0.0045	-0.0275	0.0974	0.0718	0.0572	0.0477	0.0199	0.0239	0.0108	-0.0229
41	1307	-0.0503	-0.0424	0.9821	0.0523	0.0165	0.0061	0.0177	0.0023	-0.0299	0.0953	0.0696	0.0550	0.0456	0.0200	0.0240	0.0060	-0.0230
41	1304	-0.0599	-0.0537	0.9677	0.0406	0.0075	-0.0032	0.0110	-0.0069	-0.0371	0.0860	0.0604	0.0459	0.0388	0.0086	0.0145	-0.0036	-0.0348
41	1301	-0.0453	-0.0377	0.9819	0.0565	0.0230	0.0107	0.0284	0.0090	-0.0204	0.1016	0.0760	0.0637	0.0520	0.0243	0.0308	0.0155	-0.0182

Table 17. Continued

Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
37	1066	0.1126	-0.0103	-0.0356	0.0113	0.0590	0.0306	-0.0133	0.0125	0.0243	-0.0057	0.0004	-0.0309	0.0358	0.0643	0.0473	-0.0104	0.0252
37	1069	0.1028	-0.0198	-0.0442	0.0009	0.0484	0.0196	-0.0234	0.0016	0.0122	-0.0159	-0.0093	-0.0419	0.0244	0.0547	0.0371	-0.0203	0.0150
38	1127	0.0056	-0.0347	-0.0197	-0.0054	0.0076	0.0072	-0.0008	0.0072	0.0098	0.0064	0.0031	0.0028	0.0190	0.0323	0.0185	0.0030	0.0158
38	1124	0.0102	-0.0323	-0.0175	-0.0020	0.0098	0.0082	0.0025	0.0093	0.0119	0.0086	0.0052	0.0050	0.0223	0.0322	0.0217	0.0106	0.0146
38	1121	-0.0015	-0.0417	-0.0271	-0.0133	-0.0016	-0.0014	-0.0098	-0.0014	0.0022	-0.0038	-0.0056	-0.0061	0.0100	0.0206	0.0096	-0.0015	0.0035
40	1210	0.0288	-0.0399	-0.0424	-0.0172	0.0079	-0.0035	-0.0216	-0.0088	-0.0042	-0.0193	-0.0183	-0.0312	0.0030	0.0194	0.0104	-0.0179	0.0052
40	1213	0.0339	-0.0354	-0.0405	-0.0150	0.0080	-0.0023	-0.0217	-0.0088	-0.0041	-0.0182	-0.0173	-0.0291	0.0031	0.0197	0.0106	-0.0146	0.0201
40	1216	0.0533	-0.0161	-0.0185	0.0059	0.0301	0.0197	-0.0012	0.0131	0.0170	0.0012	0.0024	-0.0111	0.0203	0.0329	0.0332	0.0056	0.0567
40	1219	0.0292	-0.0402	-0.0449	-0.0184	0.0035	-0.0055	-0.0263	-0.0121	-0.0096	-0.0251	-0.0249	-0.0381	-0.0104	-0.0013	0.0051	-0.0202	0.0439
41	1313	-0.0234	-0.0472	-0.0302	-0.0217	-0.0142	-0.0120	-0.0106	-0.0082	-0.0078	-0.0089	-0.0164	-0.0149	-0.0152	-0.0223	-0.0073	-0.0005	0.0475
41	1310	-0.0281	-0.0493	-0.0323	-0.0227	-0.0153	-0.0142	-0.0140	-0.0104	-0.0101	-0.0101	-0.0185	-0.0171	-0.0209	-0.0304	-0.0118	-0.0029	0.0492
41	1307	-0.0304	-0.0494	-0.0334	-0.0251	-0.0188	-0.0163	-0.0163	-0.0136	-0.0134	-0.0135	-0.0218	-0.0205	-0.0254	-0.0374	-0.0140	-0.0062	0.0471
41	1304	-0.0376	-0.0591	-0.0434	-0.0344	-0.0292	-0.0273	-0.0255	-0.0235	-0.0255	-0.0250	-0.0338	-0.0329	-0.0379	-0.0515	-0.0264	-0.0174	0.0359
41	1301	-0.0209	-0.0419	-0.0289	-0.0204	-0.0141	-0.0120	-0.0129	-0.0093	-0.0101	-0.0123	-0.0195	-0.0204	-0.0275	-0.0418	-0.0129	-0.0051	0.0467
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP60	CP61				
37	1066	-0.1286	-0.0114	-0.0512	0.0130	0.0787	0.0409	0.0607	0.0790	0.0274	0.0780	-0.0011	0.0323					
37	1069	-0.1381	-0.0215	-0.0612	0.0040	0.0682	0.0252	0.0186	0.0697	-0.0110	0.0663	-0.0469	0.0158	0.0206				
38	1127	-0.0335	0.0048	-0.0043	0.0105	0.0264	0.0304	0.0321	0.0338	0.0352	0.0420	0.0226	0.0218	0.0059				
38	1124	-0.0324	0.0058	-0.0010	0.0105	0.0285	0.0303	0.0265	0.0358	0.0264	0.0373	0.0181	0.0303	0.0156				
38	1121	-0.0433	-0.0052	-0.0111	-0.0029	0.0173	0.0148	0.0134	0.0192	0.0111	0.0215	0.0014	0.0151	-0.0017				
40	1210	-0.0872	-0.0332	-0.0394	-0.0066	0.0138	-0.0152	-0.0063	0.0071	-0.0151	0.0071	-0.0376	-0.0079	-0.0315				
40	1213	-0.0891	-0.0334	-0.0385	0.0059	0.0151	-0.0208	-0.0140	-0.0006	-0.0240	-0.0041	-0.0468	-0.0177	-0.0405				
40	1216	-0.0748	-0.0143	-0.0192	0.0471	0.0324	-0.0186	-0.0129	0.0052	-0.0207	-0.0006	-0.0425	-0.0122	-0.0352				
40	1219	-0.1048	-0.0424	-0.0465	0.0388	0.0072	-0.0622	-0.0574	-0.0365	-0.0649	-0.0453	-0.0875	-0.0551	-0.0824				
41	1313	-0.0318	-0.0283	-0.0143	0.0496	-0.0171	-0.0766	-0.0751	-0.0658	-0.0676	-0.0749	-0.0803	-0.0759	-0.0817				
41	1310	-0.0137	-0.0349	-0.0165	0.0536	-0.0261	-0.0927	-0.0890	-0.0777	-0.0848	-0.0915	-0.0966	-0.0917	-0.0943				
41	1307	0.0088	-0.0439	-0.0188	0.0526	-0.0352	-0.1063	-0.1058	-0.0947	-0.0948	-0.1019	-0.1081	-0.1029	-0.1043				
41	1304	0.0167	-0.0598	-0.0315	0.0425	-0.0511	-0.1256	-0.1239	-0.1163	-0.1205	-0.1239	-0.1298	-0.1241	-0.1266				
41	1301	0.0432	-0.0437	-0.0187	0.0521	-0.0361	-0.1212	-0.1183	-0.1119	-0.1139	-0.1205	-0.1230	-0.1175	-0.1244				



Table 17. Continued

Run	Point	CP62	CP63	CP64	CP65	CP66	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74	CP75	
37	1066															
37	1069															
38	1127	-0.0043	0.0589													
38	1124	-0.0064	0.0161	0.0226	0.0657	-0.0066										
38	1121	-0.0179	0.0000	0.0077	0.0583	-0.0186	0.1900									
40	1210	-0.0462	-0.0207	-0.0042	0.0338	-0.0499	0.1709	0.1577								
40	1213	-0.0666	-0.0273	-0.0117	0.0425	-0.0491	0.1693	0.1804	0.2782							
40	1216	-0.0595	-0.0023	-0.0041	0.0596	-0.0303	0.2263	0.2319	0.3353	0.3468						
40	1219	-0.1059	-0.0587	-0.0279	0.0384	-0.0602	0.2109	0.2128	0.3087	0.2898	0.3503					
41	1313	-0.0866	-0.0784	-0.0166	0.0773	-0.0560	0.2213	0.2471	0.2744	0.3056	0.3509	0.4608				
41	1310	-0.1030	-0.0907	-0.0209	0.0889	-0.0523	0.2245	0.2158	0.2416	0.2575	0.2973	0.4261				
41	1307	-0.1117	-0.0985	-0.0188	0.1026	-0.0513	0.2054	0.1985	0.2216	0.2305	0.2543	0.3429	0.4796			
41	1304	-0.1428	-0.1236	-0.0221	0.1008	-0.0625	0.1720	0.1823	0.1875	0.1867	0.2034	0.2560	0.3921			
41	1301	-0.1373	-0.1118	-0.0112	0.1215	-0.0432	0.1887	0.1794	0.1782	0.1707	0.1754	0.1901	0.2540	0.4084	0.4832	
Run	Point	CP79	CP80	CP81	CP82	CP83	CP84	CP87	CP88	CP89	CP90	CP91	CP92	CP93	CP94	CP95
37	1066							0.3494								
37	1069							0.2704	0.2646							
38	1127	0.1175						0.1477	0.1202	0.1131	0.1618					
38	1124	0.1248						0.1528	0.1296	0.1393	0.1435	0.1637	0.1892			
38	1121	0.1145						0.1412	0.1194	0.1256	0.1341	0.1545	0.1875	0.2813		
40	1210	0.0273						0.0708	0.0292	0.0470	0.0699	0.0811	0.1208	0.2366		
40	1213	0.0232	0.3149					0.0602	0.0185	0.0340	0.0593	0.0820	0.1164	0.2620	0.2317	
40	1216	0.0268	0.3874					0.0664	0.0220	0.0411	0.0711	0.1025	0.1578	0.2961	0.3307	
40	1219	-0.0126	0.3731	0.4148				0.0194	-0.0248	-0.0109	0.0231	0.0765	0.1390	0.2749	0.3130	0.4246
41	1313	-0.0001	0.3565	0.4417	0.5154			0.0054	-0.0042	-0.0078	0.0140	0.0762	0.1638	0.2928	0.3393	0.4343
41	1310	-0.0069	0.3375	0.3869	0.4742			-0.0072	-0.0198	-0.0258	-0.0156	0.0632	0.1700	0.2808	0.3213	0.3771
41	1307	-0.0282	0.2993	0.3516	0.4268			-0.0254	-0.0320	-0.0449	-0.0168	0.0667	0.1749	0.2814	0.2935	0.3359
41	1304	-0.0406	0.2799	0.2993	0.3571			-0.0426	-0.0544	-0.0653	-0.0417	0.0347	0.1595	0.2808	0.2678	0.2768
41	1301	-0.0336	0.2595	0.2674	0.2903	0.4713	0.6040	-0.0400	-0.0495	-0.0581	-0.0324	0.0618	0.2070	0.2610	0.2472	0.2489

Table 17. Continued

Run	Point	CP96	CP97	CP98	CP99	CP101	CP102	CP103	CP104	CP105		
37	1066					0.3263						
37	1069					0.1447	0.1192					
38	1127					0.1588	0.1156	0.1811				
38	1124					0.1426	0.1022	0.1838				
38	1121					0.0724	0.0090	0.1324				
40	1210					0.0674	-0.0007	0.1305				
40	1213					0.0691	0.0038	0.1719				
40	1216					0.0231	-0.0392	0.1525	0.4206			
41	1313	0.5083				0.0053	0.0012	0.1613	0.4265			
41	1310	0.4840				-0.0142	-0.0111	0.1586	0.3849			
41	1307	0.4232	0.5287			-0.0324	-0.0221	0.1742	0.3367			
41	1304	0.3484	0.4812			-0.0439	-0.0365	0.1561	0.2929			
41	1301	0.2735	0.3445	0.3445	0.4656	-0.0401	-0.0274	0.1664	0.2460	0.4895		
Run	Point	CP147	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163
37	1066	-0.0392	-0.0432	-0.0212	-0.0492	-0.0941	-0.0702	-0.0115	-0.0300	-0.0421	-0.0442	0.0024
37	1069	-0.0480	-0.0539	-0.0312	-0.0577	-0.1017	-0.0777	-0.0195	-0.0389	-0.0488	-0.0497	-0.0032
38	1127	-0.0090	-0.0125	-0.0050	-0.0121	-0.0262	-0.0211	-0.0071	-0.0104	-0.0151	-0.0166	-0.0042
38	1124	-0.0034	-0.0093	-0.0016	-0.0099	-0.0227	-0.0178	-0.0025	-0.0070	-0.0106	-0.0121	-0.0009
38	1121	-0.0145	-0.0201	-0.0127	-0.0207	-0.0340	-0.0287	-0.0138	-0.0171	-0.0229	-0.0233	-0.0120
40	1210	-0.0395	-0.0382	-0.0280	-0.0393	-0.0650	-0.0528	-0.0230	-0.0314	-0.0389	-0.0398	-0.0183
40	1213	-0.0375	-0.0374	-0.0271	-0.0385	-0.0644	-0.0521	-0.0220	-0.0293	-0.0368	-0.0378	-0.0139
40	1216	-0.0184	-0.0176	-0.0067	-0.0188	-0.0439	-0.0320	-0.0001	-0.0076	-0.0151	-0.0160	0.0087
40	1219	-0.0488	-0.0429	-0.0305	-0.0429	-0.0679	-0.0544	-0.0243	-0.0327	-0.0391	-0.0389	-0.0138
41	1313	-0.0560	-0.0232	-0.0134	-0.0113	-0.0183	-0.0143	-0.0115	-0.0113	-0.0138	-0.0152	-0.0117
41	1310	-0.0533	-0.0275	-0.0179	-0.0146	-0.0205	-0.0165	-0.0138	-0.0136	-0.0160	-0.0163	-0.0128
41	1307	-0.0534	-0.0308	-0.0213	-0.0168	-0.0217	-0.0187	-0.0161	-0.0148	-0.0172	-0.0175	-0.0140
41	1304	-0.0637	-0.0453	-0.0338	-0.0278	-0.0333	-0.0300	-0.0265	-0.0262	-0.0287	-0.0290	-0.0252
41	1301	-0.0453	-0.0394	-0.0257	-0.0178	-0.0227	-0.0175	-0.0138	-0.0125	-0.0149	-0.0151	-0.0128

Table 17. Concluded

Run	Point	CP164	CP165
37	1066	-0.0398	-0.0097
37	1069	-0.0486	-0.0153
38	1127	-0.0108	-0.0100
38	1124	-0.0075	-0.0067
38	1121	-0.0196	-0.0167
40	1210	-0.0365	-0.0214
40	1213	-0.0345	-0.0204
40	1216	-0.0142	0.0012
40	1219	-0.0379	-0.0204
41	1313	-0.0108	-0.0143
41	1310	-0.0142	-0.0177
41	1307	-0.0164	-0.0188
41	1304	-0.0278	-0.0291
41	1301	-0.0164	-0.0142

Table 18. Pressure Coefficients at  $M_\infty = 0.40$  for Cavity of  $w = 9.6$  in. and  $h = 1.2$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ , psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
37	1060	0.40	3.65	19.89	22.22	2.24	98.9	1.00	0.8727	-0.2860	-0.2227	-0.1741	-0.1798	-0.1410	0.0028	-0.0799	-0.0629	-0.0523
37	1063	0.40	3.65	19.89	22.22	2.24	99.2	2.00	0.8733	-0.2838	-0.2199	-0.1713	-0.1769	-0.1382	0.0068	-0.0765	-0.0596	-0.0490
38	1118	0.40	3.66	19.89	22.24	2.25	99.1	4.00	0.8832	-0.2883	-0.2210	-0.1800	-0.1735	-0.1447	-0.0010	-0.0816	-0.0696	-0.0542
38	1115	0.40	3.66	19.91	22.25	2.25	98.6	6.00	0.8852	-0.2855	-0.2186	-0.1776	-0.1716	-0.1428	0.0010	-0.0790	-0.0677	-0.0516
38	1112	0.40	3.67	19.89	22.24	2.26	97.8	7.00	0.8840	-0.2893	-0.2220	-0.1812	-0.1753	-0.1458	-0.0024	-0.0835	-0.0721	-0.0567
40	1198	0.40	3.65	19.88	22.22	2.25	100.3	8.00	0.8840	-0.2841	-0.2187	-0.1741	-0.1719	-0.1405	0.0029	-0.0772	-0.0631	-0.0503
40	1201	0.40	3.64	19.91	22.24	2.24	100.7	9.00	0.8813	-0.2910	-0.2255	-0.1814	-0.1787	-0.1476	-0.0052	-0.0834	-0.0698	-0.0569
40	1204	0.40	3.64	19.91	22.25	2.24	100.3	10.00	0.8827	-0.2851	-0.2208	-0.1760	-0.1732	-0.1422	-0.0025	-0.0794	-0.0665	-0.0537
40	1207	0.40	3.63	19.92	22.24	2.23	100.7	11.00	0.8816	-0.2869	-0.2221	-0.1777	-0.1755	-0.1437	-0.0051	-0.0805	-0.0668	-0.0539
41	1298	0.40	3.70	19.93	22.23	2.21	91.0	12.00	0.8867	-0.2963	-0.2268	-0.1883	-0.1790	-0.1527	-0.0428	-0.0887	-0.0791	-0.0621
41	1295	0.40	3.70	19.92	22.23	2.22	91.9	13.00	0.8857	-0.2941	-0.2247	-0.1864	-0.1771	-0.1503	-0.0352	-0.0878	-0.0769	-0.0600
41	1292	0.40	3.71	19.94	22.25	2.22	91.3	14.00	0.8876	-0.2918	-0.2218	-0.1835	-0.1749	-0.1474	-0.0345	-0.0850	-0.0749	-0.0580
41	1288	0.40	3.74	19.92	22.24	2.24	88.4	15.00	0.8878	-0.2889	-0.2193	-0.1812	-0.1719	-0.1454	-0.0296	-0.0820	-0.0719	-0.0552
41	1286	0.40	3.75	19.91	22.25	2.24	88.0	16.75	0.8880	-0.2908	-0.2214	-0.1828	-0.1735	-0.1470	-0.0303	-0.0838	-0.0731	-0.0564
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
37	1060	-0.0545	-0.0561	0.9958	0.0499	0.0345	0.0026	0.1190	0.0054	0.0064	0.0944	0.0714	0.0653	0.0426	0.0133	0.0303	0.0263	-0.0350
37	1063	-0.0510	-0.0522	0.9956	0.0526	0.0364	0.0053	0.1208	0.0073	0.0091	0.0963	0.0734	0.0672	0.0452	0.0153	0.0317	0.0269	-0.0344
38	1118	-0.0507	-0.0457	0.9886	0.0491	0.0264	0.0067	0.0365	-0.0005	-0.0021	0.0887	0.0692	0.0559	0.0486	0.0121	0.0195	-0.0008	-0.0316
38	1115	-0.0494	-0.0451	0.9900	0.0505	0.0278	0.0081	0.0378	0.0015	0.0020	0.0902	0.0707	0.0573	0.0500	0.0141	0.0209	0.0006	-0.0302
38	1112	-0.0534	-0.0489	0.9892	0.0469	0.0244	0.0046	0.0326	-0.0025	-0.0021	0.0872	0.0677	0.0538	0.0472	0.0107	0.0181	-0.0029	-0.0329
40	1198	-0.0472	-0.0458	0.9954	0.0520	0.0320	0.0082	0.0759	0.0050	0.0036	0.0939	0.0728	0.0625	0.0495	0.0157	0.0269	0.0075	-0.0298
40	1201	-0.0542	-0.0524	0.9906	0.0462	0.0257	0.0022	0.0705	-0.0008	-0.0031	0.0882	0.0664	0.0568	0.0432	0.0100	0.0203	0.0063	-0.0360
40	1204	-0.0514	-0.0491	0.9905	0.0482	0.0283	0.0050	0.0737	0.0018	-0.0004	0.0910	0.0691	0.0595	0.0465	0.0133	0.0237	0.0098	-0.0326
40	1207	-0.0516	-0.0493	0.9903	0.0480	0.0287	0.0051	0.0730	0.0020	-0.0030	0.0903	0.0690	0.0594	0.0456	0.0121	0.0233	0.0092	-0.0326
41	1298	-0.0581	-0.0532	0.9837	0.0354	0.0151	-0.0002	0.0075	-0.0108	-0.0419	0.0803	0.0612	0.0457	0.0407	0.0038	0.0106	-0.0128	-0.0383
41	1295	-0.0560	-0.0498	0.9872	0.0393	0.0183	0.0025	0.0106	-0.0075	-0.0356	0.0834	0.0637	0.0488	0.0439	0.0070	0.0132	-0.0107	-0.0361
41	1292	-0.0538	-0.0491	0.9870	0.0414	0.0202	0.0038	0.0126	-0.0055	-0.0342	0.0847	0.0650	0.0508	0.0451	0.0077	0.0153	-0.0086	-0.0341
41	1288	-0.0509	-0.0457	0.9912	0.0444	0.0232	0.0077	0.0181	-0.0022	-0.0307	0.0889	0.0692	0.0537	0.0494	0.0121	0.0185	-0.0052	-0.0306
41	1286	-0.0529	-0.0476	0.9870	0.0429	0.0224	0.0056	0.0193	-0.0036	-0.0313	0.0879	0.0682	0.0528	0.0472	0.0107	0.0177	-0.0052	-0.0326

Table 18. Continued

Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
37	1060	0.0047	-0.0539	-0.0471	-0.0299	-0.0130	-0.0165	-0.0262	-0.0167	-0.0128	-0.0217	-0.0246	-0.0282	-0.0092	0.0017	-0.0070	-0.0202	-0.0227
37	1063	0.0053	-0.0525	-0.0445	-0.0273	-0.0110	-0.0143	-0.0239	-0.0155	-0.0118	-0.0204	-0.0231	-0.0263	-0.0063	0.0060	-0.0051	-0.0192	-0.0214
38	1118	-0.0230	-0.0559	-0.0369	-0.0290	-0.0232	-0.0185	-0.0176	-0.0142	-0.0132	-0.0133	-0.0188	-0.0109	-0.0062	0.0008	-0.0092	-0.0134	-0.0130
38	1115	-0.0217	-0.0546	-0.0350	-0.0274	-0.0219	-0.0166	-0.0159	-0.0126	-0.0112	-0.0116	-0.0169	-0.0106	-0.0059	-0.0002	-0.0079	-0.0073	-0.0162
38	1112	-0.0251	-0.0580	-0.0387	-0.0317	-0.0262	-0.0204	-0.0192	-0.0157	-0.0144	-0.0152	-0.0210	-0.0135	-0.0089	-0.0033	-0.0108	-0.0096	-0.0185
40	1198	-0.0102	-0.0512	-0.0381	-0.0265	-0.0179	-0.0151	-0.0178	-0.0126	-0.0106	-0.0145	-0.0188	-0.0156	-0.0073	-0.0023	-0.0052	-0.0095	-0.0067
40	1201	-0.0149	-0.0569	-0.0439	-0.0332	-0.0238	-0.0207	-0.0240	-0.0185	-0.0172	-0.0211	-0.0257	-0.0237	-0.0164	-0.0127	-0.0131	-0.0159	-0.0001
40	1204	-0.0115	-0.0541	-0.0407	-0.0308	-0.0212	-0.0185	-0.0217	-0.0160	-0.0144	-0.0187	-0.0241	-0.0218	-0.0148	-0.0130	-0.0102	-0.0124	0.0198
40	1207	-0.0128	-0.0550	-0.0412	-0.0299	-0.0202	-0.0185	-0.0217	-0.0160	-0.0153	-0.0204	-0.0260	-0.0260	-0.0210	-0.0235	-0.0141	-0.0139	0.0326
41	1298	-0.0343	-0.0635	-0.0444	-0.0387	-0.0347	-0.0289	-0.0264	-0.0253	-0.0241	-0.0250	-0.0331	-0.0278	-0.0330	-0.0416	-0.0261	-0.0170	0.0311
41	1295	-0.0308	-0.0598	-0.0420	-0.0356	-0.0313	-0.0258	-0.0221	-0.0205	-0.0196	-0.0210	-0.0299	-0.0262	-0.0333	-0.0442	-0.0248	-0.0147	0.0372
41	1292	-0.0294	-0.0584	-0.0404	-0.0352	-0.0316	-0.0261	-0.0241	-0.0227	-0.0215	-0.0233	-0.0327	-0.0284	-0.0355	-0.0486	-0.0258	-0.0160	0.0378
41	1288	-0.0246	-0.0547	-0.0378	-0.0311	-0.0266	-0.0216	-0.0191	-0.0177	-0.0177	-0.0197	-0.0292	-0.0271	-0.0358	-0.0518	-0.0248	-0.0151	0.0395
41	1286	-0.0253	-0.0560	-0.0396	-0.0331	-0.0282	-0.0235	-0.0211	-0.0190	-0.0186	-0.0210	-0.0307	-0.0290	-0.0387	-0.0561	-0.0270	-0.0186	0.0337
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP60	CP61				
37	1060	-0.0563	-0.0281	-0.0370	-0.0227	0.0007	0.0157	0.0317	0.0262	0.0107	0.0304	0.0111						
37	1063	-0.0544	-0.0258	-0.0343	-0.0211	0.0026	-0.0105	0.0410	-0.0050	0.0158	-0.0083	0.0003	-0.0320					
38	1118	-0.0325	-0.0158	-0.0151	-0.0136	-0.0073	0.0084	0.0117	0.0149	0.0097	0.0135	0.0120	0.0108	0.0037				
38	1115	-0.0315	-0.0149	-0.0134	-0.0168	-0.0070	0.0071	0.0015	0.0049	0.0044	0.0060	0.0039	0.0030	-0.0070				
38	1112	-0.0360	-0.0188	-0.0164	-0.0217	-0.0106	-0.0016	-0.0033	0.0000	-0.0017	-0.0006	-0.0039	-0.0031	-0.0071				
40	1198	-0.0400	-0.0314	-0.0207	-0.0134	-0.0153	-0.0132	-0.0097	-0.0058	-0.0151	-0.0052	-0.0191	-0.0130	-0.0198				
40	1201	-0.0511	-0.0399	-0.0289	-0.0091	-0.0234	-0.0277	-0.0260	-0.0200	-0.0272	-0.0216	-0.0364	-0.0269	-0.0370				
40	1204	-0.0546	-0.0386	-0.0259	0.0135	-0.0221	-0.0445	-0.0408	-0.0327	-0.0428	-0.0355	-0.0497	-0.0422	-0.0503				
40	1207	-0.0611	-0.0430	-0.0293	0.0321	-0.0267	-0.0622	-0.0603	-0.0553	-0.0686	-0.0658	-0.0788	-0.0615	-0.0697				
41	1298	-0.0452	-0.0458	-0.0303	0.0361	-0.0421	-0.0875	-0.0889	-0.0781	-0.0834	-0.0885	-0.0907	-0.0901	-0.0898				
41	1295	-0.0219	-0.0500	-0.0286	0.0451	-0.0467	-0.1023	-0.1003	-0.0929	-0.0970	-0.1039	-0.1050	-0.1033	-0.1040				
41	1292	0.0062	-0.0575	-0.0292	0.0467	-0.0539	-0.1084	-0.1080	-0.0964	-0.1011	-0.1075	-0.1091	-0.1093	-0.1122				
41	1288	0.0298	-0.0615	-0.0282	0.0490	-0.0583	-0.1192	-0.1178	-0.1116	-0.1156	-0.1248	-0.1256	-0.1129	-0.1145				
41	1286	0.0410	-0.0640	-0.0318	0.0425	-0.0608	-0.1321	-0.1335	-0.1266	-0.1249	-0.1364	-0.1351	-0.1317	-0.1367				

Table 18. Continued

Run	Point	CP62	CP63	CP64	CP65	CP66	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74	CP75	
37	1060															
37	1063															
38	1118	-0.0169	0.0190													
38	1115	-0.0191	0.0044	0.0262	0.0597	-0.0142										
38	1112	-0.0176	-0.0152	0.0137	0.0416	-0.0168	0.1963									
40	1198	-0.0306	-0.0101	0.0053	0.0568	-0.0242	0.1560	0.1958								
40	1201	-0.0481	-0.0263	-0.0055	0.0409	-0.0297	0.1620	0.1861	0.2453							
40	1204	-0.0600	-0.0472	-0.0127	0.0436	-0.0287	0.1737	0.2150	0.2640	0.3028						
40	1207	-0.0822	-0.0660	-0.0233	0.0480	-0.0333	0.1987	0.2242	0.2737	0.3074	0.3479					
41	1298	-0.0937	-0.0816	-0.0270	0.0598	-0.0629	0.1903	0.2256	0.2569	0.2928	0.3428	0.4569				
41	1295	-0.1068	-0.0991	-0.0333	0.0768	-0.0543	0.1867	0.2077	0.2279	0.2551	0.2948	0.4111				
41	1292	-0.1212	-0.1009	-0.0332	0.0737	-0.0549	0.1992	0.2042	0.2129	0.2240	0.2458	0.3434	0.4708			
41	1288	-0.1262	-0.1108	-0.0335	0.0825	-0.0528	0.1872	0.1939	0.1978	0.2012	0.2139	0.2714	0.4190			
41	1286	-0.1477	-0.1224	-0.0322	0.0828	-0.0546	0.1769	0.1750	0.1704	0.1630	0.1644	0.1851	0.2550	0.4116	0.4732	
Run	Point	CP79	CP80	CP81	CP82	CP83	CP84	CP87	CP88	CP89	CP90	CP91	CP92	CP93	CP94	CP95
37	1060							0.1133								
37	1063							0.0518	0.0763							
38	1118	0.0209						0.0322	0.0201	-0.0086	0.0431					
38	1115	0.0148						0.0368	0.0279	0.0183	0.0208	0.0214	0.0624			
38	1112	0.0061						0.0302	0.0217	0.0134	0.0177	0.0367	0.0837	0.1748		
40	1198	-0.0131						0.0074	-0.0099	-0.0117	-0.0055	0.0297	0.0737	0.1772		
40	1201	-0.0318	0.2255					-0.0135	-0.0233	-0.0224	-0.0110	0.0162	0.0556	0.1806	0.2043	
40	1204	-0.0447	0.2711					-0.0213	-0.0352	-0.0360	-0.0303	-0.0017	0.0517	0.1866	0.2388	
40	1207	-0.0556	0.2875	0.3583				-0.0435	-0.0608	-0.0666	-0.0465	-0.0083	0.0691	0.2114	0.2780	0.3588
41	1298	-0.0689	0.2878	0.3423	0.3770			-0.0713	-0.0764	-0.0892	-0.0655	0.0038	0.0752	0.2157	0.2657	0.3616
41	1295	-0.0828	0.2706	0.3257	0.4219			-0.0787	-0.0844	-0.0994	-0.0729	-0.0050	0.0824	0.2189	0.2548	0.3148
41	1292	-0.0924	0.2454	0.2840	0.3680			-0.0922	-0.1001	-0.1144	-0.0876	-0.0150	0.0944	0.2137	0.2337	0.2682
41	1288	-0.0969	0.2206	0.2490	0.3118			-0.0951	-0.1042	-0.1168	-0.0954	-0.0131	0.0976	0.2080	0.2108	0.2300
41	1286	-0.1112	0.1997	0.1952	0.2213	0.4282	0.5328	-0.1087	-0.1161	-0.1288	-0.1001	-0.0166	0.0956	0.1844	0.1835	0.1847

Table 18. Continued

Run	Point	CP96	CP97	CP98	CP99	CP101	CP102	CP103	CP104	CP105		
37	1060											
37	1063					0.1227						
38	1118					0.0182	0.0380					
38	1115					0.0278	0.0181	0.0555				
38	1112					0.0253	0.0145	0.0800				
40	1198					0.0062	-0.0144	0.0789				
40	1201					-0.0140	-0.0347	0.0733				
40	1204					-0.0246	-0.0452	0.0658				
40	1207					-0.0441	-0.0642	0.0752	0.3438			
41	1298	0.4274				-0.0737	-0.0710	0.0779	0.3530			
41	1295	0.4162				-0.0838	-0.0779	0.0985	0.3138			
41	1292	0.3674	0.4645			-0.0963	-0.0817	0.0972	0.2711			
41	1288	0.2936	0.4199			-0.1071	-0.0928	0.0804	0.2374			
41	1286	0.2105	0.2819	0.2819	0.4533	-0.1180	-0.0980	0.0864	0.1868	0.4289		
Run	Point	CP147	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163
37	1060	-0.0354	-0.0381	-0.0319	-0.0392	-0.0544	-0.0483	-0.0328	-0.0392	-0.0449	-0.0481	-0.0372
37	1063	-0.0319	-0.0356	-0.0293	-0.0366	-0.0514	-0.0454	-0.0295	-0.0356	-0.0416	-0.0445	-0.0339
38	1118	-0.0176	-0.0219	-0.0210	-0.0218	-0.0271	-0.0266	-0.0245	-0.0257	-0.0288	-0.0315	-0.0320
38	1115	-0.0111	-0.0213	-0.0207	-0.0214	-0.0261	-0.0259	-0.0235	-0.0244	-0.0278	-0.0302	-0.0301
38	1112	-0.0153	-0.0241	-0.0233	-0.0243	-0.0291	-0.0282	-0.0262	-0.0266	-0.0295	-0.0325	-0.0323
40	1198	-0.0206	-0.0237	-0.0219	-0.0246	-0.0338	-0.0310	-0.0239	-0.0252	-0.0288	-0.0310	-0.0257
40	1201	-0.0278	-0.0319	-0.0297	-0.0326	-0.0414	-0.0388	-0.0312	-0.0334	-0.0374	-0.0396	-0.0351
40	1204	-0.0265	-0.0287	-0.0264	-0.0291	-0.0378	-0.0352	-0.0279	-0.0301	-0.0348	-0.0367	-0.0319
40	1207	-0.0304	-0.0304	-0.0278	-0.0294	-0.0389	-0.0353	-0.0269	-0.0289	-0.0322	-0.0334	-0.0284
41	1298	-0.0647	-0.0398	-0.0298	-0.0260	-0.0302	-0.0299	-0.0296	-0.0294	-0.0312	-0.0330	-0.0324
41	1295	-0.0557	-0.0394	-0.0284	-0.0244	-0.0282	-0.0272	-0.0269	-0.0267	-0.0278	-0.0292	-0.0288
41	1292	-0.0537	-0.0416	-0.0294	-0.0247	-0.0275	-0.0266	-0.0262	-0.0257	-0.0275	-0.0289	-0.0294
41	1288	-0.0516	-0.0422	-0.0290	-0.0234	-0.0261	-0.0246	-0.0239	-0.0230	-0.0251	-0.0262	-0.0271
41	1286	-0.0535	-0.0551	-0.0391	-0.0310	-0.0324	-0.0298	-0.0275	-0.0263	-0.0278	-0.0285	-0.0287

Table 18. Concluded

Run	Point	CP164	CP165
37	1060	-0.0370	-0.0421
37	1063	-0.0340	-0.0381
38	1118	-0.0220	-0.0340
38	1115	-0.0217	-0.0330
38	1112	-0.0240	-0.0356
40	1198	-0.0237	-0.0291
40	1201	-0.0315	-0.0367
40	1204	-0.0282	-0.0341
40	1207	-0.0286	-0.0312
41	1298	-0.0267	-0.0345
41	1295	-0.0247	-0.0311
41	1292	-0.0243	-0.0314
41	1288	-0.0230	-0.0277
41	1286	-0.0299	-0.0307



Table 19. Pressure Coefficients at  $M_\infty = 0.60$  for Cavity of  $w = 9.6$  in. and  $h = 1.2$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ , psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
37	1054	0.60	4.64	16.35	20.85	4.11	105.2	1.00	0.9810	-0.3260	-0.2517	-0.2031	-0.2002	-0.1624	-0.0059	-0.0900	-0.0740	-0.0597
37	1057	0.60	4.66	16.35	20.85	4.11	103.7	2.00	0.9806	-0.3285	-0.2543	-0.2049	-0.2021	-0.1642	-0.0074	-0.0918	-0.0754	-0.0611
38	1109	0.60	4.70	16.32	20.85	4.14	100.5	4.00	0.9735	-0.3348	-0.2571	-0.2127	-0.2023	-0.1702	-0.0107	-0.0965	-0.0826	-0.0653
38	1106	0.60	4.73	16.32	20.85	4.14	98.3	6.00	0.9739	-0.3322	-0.2554	-0.2109	-0.2009	-0.1692	-0.0074	-0.0969	-0.0830	-0.0657
38	1103	0.60	4.73	16.32	20.85	4.14	98.2	7.00	0.9748	-0.3308	-0.2544	-0.2103	-0.2003	-0.1683	-0.0078	-0.0958	-0.0825	-0.0656
39	1161	0.60	4.68	16.34	20.85	4.13	102.6	8.00	0.9728	-0.3317	-0.2555	-0.2110	-0.2017	-0.1702	-0.0107	-0.0974	-0.0833	-0.0663
39	1158	0.60	4.67	16.34	20.85	4.12	102.6	9.00	0.9726	-0.3313	-0.2550	-0.2108	-0.2016	-0.1700	-0.0119	-0.0964	-0.0830	-0.0660
39	1155	0.60	4.68	16.35	20.86	4.13	102.8	10.00	0.9730	-0.3306	-0.2540	-0.2095	-0.2002	-0.1683	-0.0096	-0.0949	-0.0815	-0.0638
39	1152	0.60	4.67	16.33	20.84	4.13	102.8	11.00	0.9733	-0.3317	-0.2551	-0.2106	-0.2014	-0.1691	-0.0144	-0.0956	-0.0822	-0.0656
39	1149	0.60	4.67	16.32	20.83	4.12	102.8	11.67	0.9731	-0.3314	-0.2546	-0.2107	-0.2011	-0.1695	-0.0433	-0.0965	-0.0827	-0.0658
41	1283	0.60	4.73	16.36	20.85	4.11	97.0	12.00	0.9751	-0.3470	-0.2579	-0.2138	-0.2027	-0.1709	-0.0450	-0.0979	-0.0843	-0.0673
41	1280	0.60	4.73	16.36	20.85	4.11	96.6	13.00	0.9744	-0.3450	-0.2565	-0.2128	-0.2016	-0.1699	-0.0402	-0.0973	-0.0836	-0.0659
41	1277	0.60	4.74	16.34	20.85	4.12	96.6	14.00	0.9722	-0.3448	-0.2563	-0.2130	-0.2015	-0.1698	-0.0390	-0.0977	-0.0844	-0.0678
41	1274	0.60	4.74	16.36	20.86	4.12	96.5	15.00	0.9735	-0.3435	-0.2549	-0.2112	-0.2001	-0.1684	-0.0401	-0.0960	-0.0827	-0.0661
41	1271	0.60	4.74	16.37	20.88	4.13	96.6	16.75	0.9745	-0.3472	-0.2570	-0.2138	-0.2024	-0.1703	-0.0426	-0.0987	-0.0854	-0.0684
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
37	1054	-0.0591	-0.0567	1.0451	0.0648	0.0371	0.0099	0.0793	0.0060	-0.0039	0.1072	0.0825	0.0692	0.0522	0.0132	0.0255	0.0039	-0.0454
37	1057	-0.0606	-0.0585	1.0458	0.0626	0.0354	0.0076	0.0793	0.0042	-0.0046	0.1060	0.0807	0.0674	0.0504	0.0110	0.0237	0.0020	-0.0472
38	1109	-0.0611	-0.0552	1.0404	0.0591	0.0289	0.0081	0.0240	-0.0021	-0.0102	0.1001	0.0775	0.0596	0.0515	0.0079	0.0152	-0.0171	-0.0476
38	1106	-0.0611	-0.0549	1.0383	0.0591	0.0289	0.0081	0.0244	-0.0014	-0.0072	0.1002	0.0779	0.0604	0.0522	0.0086	0.0152	-0.0163	-0.0472
38	1103	-0.0614	-0.0556	1.0402	0.0590	0.0292	0.0085	0.0264	-0.0010	-0.0091	0.1012	0.0782	0.0607	0.0526	0.0090	0.0156	-0.0159	-0.0468
39	1161	-0.0615	-0.0557	1.0388	0.0572	0.0277	0.0069	0.0267	-0.0024	-0.0112	0.0989	0.0767	0.0586	0.0499	0.0068	0.0145	-0.0164	-0.0480
39	1158	-0.0616	-0.0561	1.0394	0.0580	0.0281	0.0073	0.0263	-0.0024	-0.0127	0.0990	0.0771	0.0594	0.0507	0.0075	0.0152	-0.0165	-0.0481
39	1155	-0.0596	-0.0539	1.0400	0.0594	0.0291	0.0084	0.0259	-0.0010	-0.0112	0.1003	0.0782	0.0604	0.0521	0.0090	0.0163	-0.0153	-0.0466
39	1152	-0.0615	-0.0550	1.0422	0.0591	0.0291	0.0088	0.0249	-0.0006	-0.0145	0.1008	0.0786	0.0605	0.0521	0.0086	0.0160	-0.0157	-0.0469
39	1149	-0.0612	-0.0558	1.0392	0.0584	0.0281	0.0084	0.0239	-0.0013	-0.0436	0.0998	0.0780	0.0599	0.0515	0.0079	0.0153	-0.0161	-0.0470
41	1283	-0.0631	-0.0567	1.0423	0.0565	0.0263	0.0063	0.0229	-0.0036	-0.0446	0.0992	0.0760	0.0580	0.0497	0.0060	0.0138	-0.0174	-0.0489
41	1280	-0.0620	-0.0556	1.0401	0.0572	0.0270	0.0070	0.0233	-0.0029	-0.0406	0.0996	0.0764	0.0588	0.0508	0.0074	0.0149	-0.0163	-0.0478
41	1277	-0.0637	-0.0576	1.0395	0.0575	0.0270	0.0074	0.0226	-0.0025	-0.0400	0.1001	0.0770	0.0590	0.0507	0.0067	0.0149	-0.0166	-0.0480
41	1274	-0.0618	-0.0555	1.0416	0.0590	0.0287	0.0089	0.0243	-0.0011	-0.0404	0.1016	0.0785	0.0612	0.0525	0.0092	0.0167	-0.0148	-0.0458
41	1271	-0.0643	-0.0582	1.0418	0.0567	0.0266	0.0067	0.0229	-0.0032	-0.0434	0.0992	0.0761	0.0582	0.0503	0.0070	0.0145	-0.0174	-0.0484

Table 19. Continued

Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
37	1054	-0.0220	-0.0668	-0.0471	-0.0355	-0.0242	-0.0221	-0.0258	-0.0196	-0.0175	-0.0228	-0.0282	-0.0258	-0.0147	-0.0069	-0.0149	-0.0203	-0.0338
37	1057	-0.0235	-0.0683	-0.0497	-0.0377	-0.0264	-0.0243	-0.0285	-0.0222	-0.0196	-0.0250	-0.0299	-0.0270	-0.0151	-0.0039	-0.0165	-0.0249	-0.0360
38	1109	-0.0423	-0.0720	-0.0460	-0.0394	-0.0355	-0.0284	-0.0257	-0.0228	-0.0218	-0.0221	-0.0285	-0.0190	-0.0159	-0.0072	-0.0204	-0.0227	-0.0265
38	1106	-0.0420	-0.0720	-0.0455	-0.0382	-0.0339	-0.0269	-0.0241	-0.0213	-0.0204	-0.0210	-0.0279	-0.0192	-0.0172	-0.0128	-0.0197	-0.0140	-0.0348
38	1103	-0.0412	-0.0708	-0.0449	-0.0385	-0.0335	-0.0262	-0.0234	-0.0200	-0.0195	-0.0199	-0.0277	-0.0200	-0.0182	-0.0155	-0.0199	-0.0133	-0.0334
39	1161	-0.0420	-0.0716	-0.0467	-0.0398	-0.0353	-0.0290	-0.0269	-0.0243	-0.0228	-0.0228	-0.0289	-0.0204	-0.0199	-0.0207	-0.0205	-0.0161	-0.0246
39	1158	-0.0424	-0.0713	-0.0464	-0.0402	-0.0355	-0.0289	-0.0267	-0.0242	-0.0233	-0.0245	-0.0312	-0.0240	-0.0233	-0.0228	-0.0235	-0.0185	-0.0060
39	1155	-0.0412	-0.0697	-0.0452	-0.0384	-0.0337	-0.0273	-0.0246	-0.0221	-0.0219	-0.0230	-0.0303	-0.0235	-0.0252	-0.0282	-0.0235	-0.0171	0.0140
39	1152	-0.0412	-0.0705	-0.0457	-0.0389	-0.0340	-0.0274	-0.0247	-0.0226	-0.0224	-0.0241	-0.0321	-0.0255	-0.0273	-0.0326	-0.0252	-0.0197	0.0257
39	1149	-0.0420	-0.0706	-0.0460	-0.0395	-0.0352	-0.0287	-0.0262	-0.0235	-0.0232	-0.0248	-0.0331	-0.0269	-0.0304	-0.0389	-0.0277	-0.0210	0.0332
41	1283	-0.0424	-0.0728	-0.0486	-0.0414	-0.0364	-0.0304	-0.0277	-0.0276	-0.0268	-0.0280	-0.0367	-0.0317	-0.0367	-0.0450	-0.0315	-0.0243	0.0318
41	1280	-0.0417	-0.0717	-0.0476	-0.0404	-0.0359	-0.0300	-0.0283	-0.0269	-0.0256	-0.0273	-0.0369	-0.0330	-0.0389	-0.0495	-0.0327	-0.0255	0.0368
41	1277	-0.0423	-0.0726	-0.0483	-0.0411	-0.0364	-0.0301	-0.0278	-0.0266	-0.0256	-0.0278	-0.0378	-0.0352	-0.0414	-0.0535	-0.0344	-0.0280	0.0362
41	1274	-0.0401	-0.0700	-0.0466	-0.0401	-0.0352	-0.0291	-0.0268	-0.0249	-0.0241	-0.0265	-0.0366	-0.0347	-0.0432	-0.0591	-0.0340	-0.0286	0.0356
41	1271	-0.0430	-0.0729	-0.0494	-0.0422	-0.0375	-0.0318	-0.0297	-0.0285	-0.0280	-0.0311	-0.0424	-0.0413	-0.0511	-0.0688	-0.0406	-0.0357	0.0271
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP60	CP61				
37	1054	-0.0436	-0.0338	-0.0322	-0.0317	-0.0168	0.0170	0.0272	0.0196	0.0113	0.0255	0.0159	-0.0046					
37	1057	-0.0466	-0.0363	-0.0331	-0.0340	-0.0188	0.0116	0.0069	0.0108	-0.0040	-0.0004	0.0045	-0.0140	0.0129				
38	1109	-0.0431	-0.0303	-0.0224	-0.0274	-0.0252	0.0028	0.0002	0.0088	0.0039	0.0032	0.0014	-0.0043	-0.0057				
38	1106	-0.0451	-0.0308	-0.0224	-0.0359	-0.0257	-0.0077	-0.0123	-0.0104	-0.0130	-0.0106	-0.0095	-0.0084	-0.0185				
38	1103	-0.0471	-0.0315	-0.0235	-0.0395	-0.0260	-0.0133	-0.0173	-0.0179	-0.0171	-0.0191	-0.0183	-0.0127	-0.0202				
39	1161	-0.0408	-0.0487	-0.0254	-0.0332	-0.0420	-0.0247	-0.0272	-0.0243	-0.0299	-0.0274	-0.0308	-0.0304	-0.0348				
39	1158	-0.0465	-0.0505	-0.0274	-0.0166	-0.0436	-0.0356	-0.0349	-0.0302	-0.0303	-0.0298	-0.0344	-0.0387	-0.0421				
39	1155	-0.0524	-0.0506	-0.0270	0.0083	-0.0445	-0.0508	-0.0486	-0.0458	-0.0407	-0.0416	-0.0480	-0.0476	-0.0495				
39	1152	-0.0615	-0.0561	-0.0291	0.0292	-0.0498	-0.0660	-0.0637	-0.0583	-0.0579	-0.0591	-0.0625	-0.0679	-0.0687				
39	1149	-0.0619	-0.0613	-0.0303	0.0399	-0.0552	-0.0802	-0.0803	-0.0731	-0.0714	-0.0780	-0.0818	-0.0778	-0.0813				
41	1283	-0.0651	-0.0598	-0.0364	0.0391	-0.0555	-0.0869	-0.0883	-0.0839	-0.0795	-0.0856	-0.0886	-0.0903	-0.0919				
41	1280	-0.0372	-0.0685	-0.0379	0.0468	-0.0646	-0.1074	-0.1053	-0.0997	-0.1008	-0.1075	-0.1104	-0.1059	-0.1057				
41	1277	-0.0002	-0.0801	-0.0383	0.0485	-0.0758	-0.1180	-0.1182	-0.1103	-0.1129	-0.1196	-0.1209	-0.1194	-0.1206				
41	1274	0.0282	-0.0909	-0.0400	0.0476	-0.0870	-0.1305	-0.1288	-0.1222	-0.1208	-0.1282	-0.1313	-0.1248	-0.1279				
41	1271	0.0419	-0.0984	-0.0465	0.0383	-0.0958	-0.1476	-0.1468	-0.1345	-0.1373	-0.1423	-0.1455	-0.1436	-0.1468				

Table 19. Continued

Run	Point	CP62	CP63	CP64	CP65	CP66	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74	CP75	
37	1054															
37	1057															
38	1109	0.0000	0.0460													
38	1106	-0.0299	0.0011	0.0587	0.1149	-0.0167										
38	1103	-0.0229	-0.0098	0.0397	0.0949	-0.0202	0.2353									
39	1161	-0.0404	-0.0320	0.0128	0.0768	-0.0235	0.1889	0.2436								
39	1158	-0.0491	-0.0351	-0.0030	0.0584	-0.0237	0.1767	0.2195	0.2596							
39	1155	-0.0574	-0.0513	-0.0141	0.0447	-0.0225	0.1693	0.2144	0.2612	0.3030						
39	1152	-0.0710	-0.0623	-0.0280	0.0403	-0.0263	0.1646	0.2119	0.2619	0.3028	0.3403					
39	1149	-0.0897	-0.0749	-0.0333	0.0406	-0.0671	0.1759	0.2216	0.2626	0.3041	0.3510					
41	1283	-0.0974	-0.0829	-0.0383	0.0362	-0.0678	0.1852	0.2187	0.2589	0.2951	0.3458	0.4315				
41	1280	-0.1132	-0.0994	-0.0464	0.0449	-0.0634	0.1858	0.2090	0.2358	0.2608	0.2986	0.4159				
41	1277	-0.1312	-0.1167	-0.0536	0.0439	-0.0627	0.1747	0.1948	0.2158	0.2327	0.2605	0.3603	0.4802			
41	1274	-0.1338	-0.1259	-0.0558	0.0478	-0.0628	0.1775	0.1915	0.2012	0.2086	0.2229	0.2921	0.4410			
41	1271	-0.1561	-0.1340	-0.0586	0.0619	-0.0677	0.1649	0.1699	0.1718	0.1711	0.1757	0.2007	0.2740	0.4318	0.5202	
Run	Point	CP79	CP80	CP81	CP82	CP83	CP84	CP87	CP88	CP89	CP90	CP91	CP92	CP93	CP94	CP95
37	1054							0.0714								
37	1057							-0.0117	0.0704							
38	1109	0.0218						-0.0013	-0.0122	-0.0151	0.0409					
38	1106	0.0052						-0.0004	-0.0119	-0.0184	0.0145	0.0601	0.1153			
38	1103	-0.0132						-0.0064	-0.0195	-0.0209	-0.0037	0.0461	0.0889	0.1979		
39	1161	-0.0453						-0.0427	-0.0501	-0.0597	-0.0443	0.0015	0.0347	0.1430		
39	1158	-0.0592	0.2109					-0.0442	-0.0524	-0.0661	-0.0573	-0.0316	0.0207	0.1306	0.2031	
39	1155	-0.0629	0.2354					-0.0590	-0.0657	-0.0749	-0.0658	-0.0331	0.0249	0.1478	0.2313	
39	1152	-0.0881	0.2269	0.3284				-0.0759	-0.0814	-0.0863	-0.0817	-0.0436	0.0272	0.1578	0.2271	0.2813
39	1149	-0.0976	0.2426	0.3263				-0.0923	-0.0962	-0.1079	-0.0991	-0.0559	0.0133	0.1674	0.2438	0.3224
41	1283	-0.0813	0.2762	0.3483	0.3976			-0.0765	-0.0868	-0.0979	-0.0817	-0.0346	0.0421	0.1911	0.2569	0.3509
41	1280	-0.0938	0.2439	0.3252	0.3875			-0.0961	-0.1028	-0.1094	-0.1022	-0.0350	0.0419	0.1838	0.2504	0.3031
41	1277	-0.1144	0.2379	0.2805	0.3575			-0.1140	-0.1180	-0.1259	-0.1083	-0.0539	0.0341	0.1799	0.2192	0.2596
41	1274	-0.1119	0.2175	0.2479	0.3127			-0.1192	-0.1251	-0.1335	-0.1137	-0.0500	0.0478	0.1729	0.2048	0.2330
41	1271	-0.1366	0.1902	0.1880	0.2148	0.4175	0.5305	-0.1356	-0.1437	-0.1518	-0.1358	-0.0502	0.0457	0.1735	0.1812	0.1801

Table 19. Continued

Run	Point	CP96	CP97	CP98	CP99	CP101	CP102	CP103	CP104	CP105		
37	1054											
37	1057					0.0918						
38	1109					-0.0044	0.0243					
38	1106					-0.0002	0.0183	0.0917				
38	1103					-0.0046	-0.0005	0.0922				
39	1161					-0.0449	-0.0489	0.0388				
39	1158					-0.0553	-0.0551	0.0249				
39	1155					-0.0656	-0.0716	0.0276				
39	1152					-0.0809	-0.0892	0.0133	0.3039			
39	1149					-0.0981	-0.0975	0.0251	0.3162			
41	1283	0.4106				-0.0906	-0.0855	0.0435	0.3381			
41	1280	0.4041				-0.0992	-0.0999	0.0376	0.3109			
41	1277	0.3440	0.4363			-0.1175	-0.1095	0.0390	0.2661			
41	1274	0.2956	0.4190			-0.1253	-0.1118	0.0490	0.2355			
41	1271	0.2100	0.2900	0.2900	0.4398	-0.1431	-0.1257	0.0396	0.1810	0.4293		
Run	Point	CP147	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163
37	1054	-0.0323	-0.0408	-0.0387	-0.0430	-0.0527	-0.0511	-0.0435	-0.0488	-0.0554	-0.0607	-0.0603
37	1057	-0.0336	-0.0437	-0.0412	-0.0458	-0.0557	-0.0544	-0.0465	-0.0515	-0.0577	-0.0627	-0.0621
38	1109	-0.0219	-0.0372	-0.0379	-0.0383	-0.0423	-0.0436	-0.0441	-0.0461	-0.0511	-0.0561	-0.0606
38	1106	-0.0179	-0.0369	-0.0376	-0.0380	-0.0423	-0.0435	-0.0438	-0.0455	-0.0502	-0.0549	-0.0580
38	1103	-0.0208	-0.0374	-0.0381	-0.0381	-0.0426	-0.0441	-0.0446	-0.0467	-0.0516	-0.0560	-0.0600
39	1161	-0.0222	-0.0363	-0.0380	-0.0386	-0.0431	-0.0443	-0.0445	-0.0464	-0.0508	-0.0548	-0.0585
39	1158	-0.0242	-0.0362	-0.0380	-0.0384	-0.0430	-0.0442	-0.0438	-0.0454	-0.0496	-0.0538	-0.0579
39	1155	-0.0217	-0.0351	-0.0364	-0.0364	-0.0404	-0.0417	-0.0416	-0.0432	-0.0472	-0.0509	-0.0543
39	1152	-0.0266	-0.0367	-0.0372	-0.0367	-0.0404	-0.0413	-0.0414	-0.0428	-0.0467	-0.0500	-0.0541
39	1149	-0.0685	-0.0388	-0.0389	-0.0380	-0.0412	-0.0420	-0.0417	-0.0429	-0.0471	-0.0505	-0.0542
41	1283	-0.0709	-0.0545	-0.0422	-0.0395	-0.0448	-0.0457	-0.0460	-0.0477	-0.0511	-0.0544	-0.0564
41	1280	-0.0635	-0.0573	-0.0442	-0.0410	-0.0456	-0.0463	-0.0462	-0.0478	-0.0511	-0.0546	-0.0572
41	1277	-0.0637	-0.0607	-0.0462	-0.0424	-0.0467	-0.0472	-0.0466	-0.0478	-0.0506	-0.0537	-0.0561
41	1274	-0.0635	-0.0633	-0.0475	-0.0424	-0.0460	-0.0458	-0.0450	-0.0457	-0.0492	-0.0516	-0.0540
41	1271	-0.0682	-0.0796	-0.0596	-0.0514	-0.0533	-0.0521	-0.0505	-0.0510	-0.0538	-0.0569	-0.0606

Table 19. Concluded

Run	Point	CP164	CP165
37	1054	-0.0415	-0.0622
37	1057	-0.0441	-0.0639
38	1109	-0.0385	-0.0614
38	1106	-0.0385	-0.0593
38	1103	-0.0386	-0.0614
39	1161	-0.0386	-0.0593
39	1158	-0.0391	-0.0583
39	1155	-0.0364	-0.0545
39	1152	-0.0370	-0.0543
39	1149	-0.0378	-0.0541
41	1283	-0.0402	-0.0586
41	1280	-0.0406	-0.0592
41	1277	-0.0422	-0.0567
41	1274	-0.0417	-0.0558
41	1271	-0.0500	-0.0600

Table 20. Pressure Coefficients at  $M_\infty = 0.80$  for Cavity of  $w = 9.6$  in. and  $h = 1.2$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ , psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
37	1048	0.80	3.81	9.36	14.24	4.18	100.9	1.00	1.1225	-0.3540	-0.2918	-0.2391	-0.2263	-0.1796	0.0002	-0.0826	-0.0636	-0.0464
37	1051	0.80	3.78	9.32	14.17	4.15	102.5	2.00	1.1193	-0.3555	-0.2944	-0.2413	-0.2284	-0.1817	-0.0020	-0.0856	-0.0658	-0.0488
38	1100	0.80	3.77	9.31	14.18	4.17	103.7	4.00	1.1251	-0.3578	-0.2965	-0.2464	-0.2283	-0.1852	-0.0103	-0.0878	-0.0700	-0.0515
38	1097	0.80	3.77	9.31	14.18	4.16	103.6	6.00	1.1248	-0.3584	-0.2967	-0.2462	-0.2284	-0.1849	-0.0143	-0.0875	-0.0701	-0.0516
38	1094	0.80	3.78	9.31	14.18	4.16	103.2	7.00	1.1245	-0.3576	-0.2966	-0.2461	-0.2287	-0.1849	-0.0084	-0.0875	-0.0697	-0.0515
39	1146	0.80	3.79	9.30	14.18	4.17	101.4	8.00	1.1271	-0.3592	-0.2968	-0.2476	-0.2285	-0.1867	0.0007	-0.0887	-0.0719	-0.0523
39	1143	0.80	3.80	9.30	14.18	4.17	100.7	9.00	1.1267	-0.3591	-0.2968	-0.2479	-0.2284	-0.1867	0.0011	-0.0887	-0.0719	-0.0526
39	1140	0.80	3.80	9.30	14.19	4.17	100.6	10.00	1.1277	-0.3582	-0.2958	-0.2467	-0.2275	-0.1862	0.0011	-0.0879	-0.0711	-0.0512
39	1137	0.80	3.81	9.30	14.18	4.17	100.1	11.00	1.1278	-0.3588	-0.2961	-0.2477	-0.2282	-0.1869	0.0011	-0.0882	-0.0714	-0.0522
39	1134	0.80	3.81	9.30	14.18	4.17	100.0	11.67	1.1278	-0.3595	-0.2972	-0.2484	-0.2290	-0.1876	-0.0591	-0.0893	-0.0725	-0.0533
41	1268	0.80	3.77	9.31	14.18	4.16	103.9	12.00	1.1263	-0.4567	-0.2953	-0.2455	-0.2277	-0.1841	-0.0542	-0.0871	-0.0701	-0.0505
41	1265	0.80	3.77	9.31	14.18	4.17	103.6	13.00	1.1267	-0.4564	-0.2951	-0.2453	-0.2276	-0.1840	-0.0465	-0.0867	-0.0693	-0.0505
41	1262	0.80	3.77	9.31	14.19	4.16	103.9	14.00	1.1264	-0.4544	-0.2944	-0.2446	-0.2273	-0.1836	-0.0443	-0.0867	-0.0693	-0.0505
41	1259	0.80	3.77	9.31	14.18	4.16	103.9	15.00	1.1261	-0.4535	-0.2945	-0.2447	-0.2273	-0.1837	-0.0469	-0.0874	-0.0697	-0.0509
41	1256	0.80	3.77	9.31	14.18	4.16	104.0	16.75	1.1262	-0.4576	-0.2952	-0.2446	-0.2277	-0.1836	-0.0480	-0.0867	-0.0686	-0.0498
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
37	1048	-0.0427	-0.0383	1.1470	0.0974	0.0657	0.0393	0.0929	0.0405	0.0014	0.1511	0.1329	0.1129	0.0895	0.0453	0.0462	0.0109	-0.0504
37	1051	-0.0451	-0.0406	1.1440	0.0940	0.0626	0.0363	0.0908	0.0379	-0.0012	0.1473	0.1298	0.1097	0.0866	0.0424	0.0432	0.0084	-0.0529
38	1100	-0.0453	-0.0391	1.1414	0.0921	0.0587	0.0369	0.0609	0.0342	-0.0105	0.1446	0.1285	0.1057	0.0885	0.0419	0.0383	-0.0037	-0.0531
38	1097	-0.0453	-0.0391	1.1419	0.0922	0.0588	0.0369	0.0623	0.0346	-0.0142	0.1444	0.1283	0.1054	0.0882	0.0419	0.0383	-0.0029	-0.0528
38	1094	-0.0453	-0.0395	1.1416	0.0914	0.0581	0.0362	0.0626	0.0339	-0.0091	0.1443	0.1279	0.1054	0.0878	0.0415	0.0379	-0.0033	-0.0531
39	1146	-0.0454	-0.0387	1.1401	0.0911	0.0568	0.0371	0.0445	0.0328	-0.0004	0.1430	0.1278	0.1038	0.0881	0.0404	0.0368	-0.0078	-0.0534
39	1143	-0.0458	-0.0387	1.1389	0.0908	0.0564	0.0371	0.0438	0.0328	-0.0011	0.1433	0.1278	0.1038	0.0881	0.0407	0.0368	-0.0078	-0.0534
39	1140	-0.0450	-0.0379	1.1399	0.0907	0.0564	0.0370	0.0424	0.0328	0.0003	0.1432	0.1277	0.1033	0.0884	0.0407	0.0367	-0.0082	-0.0530
39	1137	-0.0458	-0.0386	1.1403	0.0903	0.0557	0.0363	0.0413	0.0320	0.0000	0.1432	0.1277	0.1029	0.0880	0.0403	0.0360	-0.0086	-0.0533
39	1134	-0.0465	-0.0393	1.1392	0.0892	0.0546	0.0356	0.0386	0.0310	-0.0585	0.1417	0.1262	0.1019	0.0870	0.0393	0.0352	-0.0101	-0.0541
41	1268	-0.0453	-0.0390	1.1442	0.0919	0.0582	0.0366	0.0683	0.0346	-0.0525	0.1457	0.1289	0.1075	0.0887	0.0421	0.0394	-0.0008	-0.0522
41	1265	-0.0453	-0.0390	1.1446	0.0922	0.0589	0.0369	0.0690	0.0353	-0.0458	0.1460	0.1292	0.1077	0.0890	0.0425	0.0398	-0.0005	-0.0522
41	1262	-0.0453	-0.0390	1.1447	0.0922	0.0589	0.0373	0.0704	0.0353	-0.0443	0.1460	0.1296	0.1081	0.0890	0.0428	0.0398	0.0003	-0.0514
41	1259	-0.0460	-0.0397	1.1444	0.0919	0.0589	0.0370	0.0721	0.0353	-0.0455	0.1461	0.1293	0.1078	0.0887	0.0425	0.0402	0.0007	-0.0522
41	1256	-0.0453	-0.0397	1.1456	0.0933	0.0603	0.0380	0.0752	0.0364	-0.0473	0.1471	0.1300	0.1088	0.0897	0.0435	0.0409	0.0018	-0.0514

Table 20. Continued

Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
37	1048	-0.0590	-0.0685	-0.0298	-0.0177	-0.0082	-0.0061	-0.0084	-0.0038	-0.0031	-0.0069	-0.0125	-0.0095	-0.0023	0.0043	-0.0039	-0.0072	-0.0302
37	1051	-0.0616	-0.0734	-0.0327	-0.0203	-0.0107	-0.0086	-0.0111	-0.0069	-0.0058	-0.0095	-0.0146	-0.0106	-0.0023	0.0075	-0.0054	-0.0136	-0.0335
38	1100	-0.0744	-0.0754	-0.0294	-0.0212	-0.0159	-0.0097	-0.0082	-0.0062	-0.0058	-0.0071	-0.0128	-0.0051	-0.0021	0.0059	-0.0063	-0.0120	-0.0177
38	1097	-0.0741	-0.0751	-0.0299	-0.0217	-0.0166	-0.0103	-0.0091	-0.0065	-0.0062	-0.0069	-0.0131	-0.0057	-0.0031	0.0026	-0.0059	-0.0025	-0.0307
38	1094	-0.0740	-0.0755	-0.0303	-0.0223	-0.0166	-0.0108	-0.0093	-0.0064	-0.0058	-0.0071	-0.0133	-0.0060	-0.0035	0.0008	-0.0066	-0.0018	-0.0340
39	1146	-0.0786	-0.0755	-0.0289	-0.0218	-0.0177	-0.0109	-0.0074	-0.0058	-0.0059	-0.0062	-0.0127	-0.0050	-0.0056	-0.0021	-0.0075	0.0000	-0.0206
39	1143	-0.0790	-0.0755	-0.0289	-0.0224	-0.0185	-0.0118	-0.0079	-0.0061	-0.0067	-0.0067	-0.0139	-0.0058	-0.0068	-0.0070	-0.0099	-0.0047	0.0089
39	1140	-0.0786	-0.0747	-0.0284	-0.0218	-0.0177	-0.0109	-0.0072	-0.0055	-0.0062	-0.0067	-0.0137	-0.0067	-0.0093	-0.0117	-0.0111	-0.0071	0.0285
39	1137	-0.0797	-0.0755	-0.0286	-0.0222	-0.0185	-0.0116	-0.0081	-0.0067	-0.0076	-0.0079	-0.0154	-0.0083	-0.0128	-0.0167	-0.0135	-0.0095	0.0481
39	1134	-0.0811	-0.0762	-0.0296	-0.0231	-0.0195	-0.0126	-0.0090	-0.0077	-0.0089	-0.0097	-0.0174	-0.0106	-0.0154	-0.0218	-0.0161	-0.0144	0.0455
41	1268	-0.0719	-0.0746	-0.0309	-0.0216	-0.0156	-0.0113	-0.0101	-0.0083	-0.0079	-0.0103	-0.0175	-0.0140	-0.0163	-0.0219	-0.0156	-0.0170	0.0495
41	1265	-0.0711	-0.0742	-0.0307	-0.0218	-0.0154	-0.0109	-0.0100	-0.0081	-0.0078	-0.0104	-0.0185	-0.0160	-0.0196	-0.0283	-0.0180	-0.0206	0.0550
41	1262	-0.0704	-0.0734	-0.0307	-0.0214	-0.0152	-0.0109	-0.0103	-0.0091	-0.0086	-0.0118	-0.0200	-0.0177	-0.0226	-0.0337	-0.0201	-0.0241	0.0572
41	1259	-0.0701	-0.0734	-0.0310	-0.0221	-0.0156	-0.0114	-0.0108	-0.0093	-0.0093	-0.0127	-0.0216	-0.0203	-0.0263	-0.0399	-0.0227	-0.0282	0.0559
41	1256	-0.0693	-0.0727	-0.0308	-0.0216	-0.0150	-0.0112	-0.0112	-0.0095	-0.0095	-0.0140	-0.0229	-0.0224	-0.0298	-0.0468	-0.0256	-0.0338	0.0505
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP60	CP61				
37	1048	-0.0318	-0.0311	-0.0163	-0.0292	-0.0191	0.0413	0.0526	0.0372	0.0269	0.0433	0.0330	0.0176					
37	1051	-0.0353	-0.0342	-0.0171	-0.0319	-0.0216	0.0213	0.0283	0.0169	0.0149	0.0136	0.0191	-0.0038	0.0230				
38	1100	-0.0438	-0.0277	-0.0086	-0.0212	-0.0230	0.0183	0.0159	0.0181	0.0196	0.0151	0.0162	0.0142	0.0120				
38	1097	-0.0466	-0.0291	-0.0095	-0.0333	-0.0244	0.0076	0.0061	0.0085	0.0081	0.0075	0.0064	0.0056	-0.0005				
38	1094	-0.0508	-0.0309	-0.0101	-0.0430	-0.0260	-0.0027	-0.0013	0.0010	-0.0007	0.0001	-0.0038	0.0000	-0.0076				
39	1146	-0.0356	-0.0504	-0.0087	-0.0395	-0.0475	-0.0113	-0.0088	0.0001	-0.0052	-0.0050	-0.0072	-0.0090	-0.0130				
39	1143	-0.0422	-0.0512	-0.0096	-0.0112	-0.0485	-0.0186	-0.0172	-0.0152	-0.0148	-0.0183	-0.0185	-0.0170	-0.0207				
39	1140	-0.0521	-0.0533	-0.0112	0.0209	-0.0508	-0.0255	-0.0251	-0.0205	-0.0201	-0.0240	-0.0247	-0.0269	-0.0297				
39	1137	-0.0722	-0.0609	-0.0131	0.0515	-0.0586	-0.0468	-0.0436	-0.0427	-0.0446	-0.0470	-0.0484	-0.0465	-0.0485				
39	1134	-0.0672	-0.0646	-0.0159	0.0545	-0.0625	-0.0509	-0.0532	-0.0469	-0.0465	-0.0518	-0.0521	-0.0548	-0.0554				
41	1268	-0.0760	-0.0599	-0.0210	0.0592	-0.0551	-0.0618	-0.0607	-0.0558	-0.0510	-0.0541	-0.0607	-0.0625	-0.0639				
41	1265	-0.0386	-0.0737	-0.0239	0.0686	-0.0691	-0.0772	-0.0769	-0.0680	-0.0698	-0.0745	-0.0792	-0.0789	-0.0818				
41	1262	0.0174	-0.0922	-0.0262	0.0725	-0.0872	-0.0915	-0.0917	-0.0821	-0.0854	-0.0901	-0.0946	-0.0920	-0.0956				
41	1259	0.0539	-0.1158	-0.0297	0.0717	-0.1111	-0.1094	-0.1083	-0.0990	-0.1022	-0.1050	-0.1130	-0.1072	-0.1109				
41	1256	0.0752	-0.1358	-0.0327	0.0651	-0.1313	-0.1286	-0.1286	-0.1184	-0.1205	-0.1268	-0.1314	-0.1268	-0.1303				

Table 20. Continued

Run	Point	CP62	CP63	CP64	CP65	CP66	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74	CP75	
37	1048															
37	1051															
38	1100	0.0136	0.0540													
38	1097	-0.0090	0.0175	0.0573	0.1189	-0.0395										
38	1094	-0.0161	-0.0006	0.0448	0.0998	-0.0320	0.2855									
39	1146	-0.0241	-0.0149	0.0308	0.0922	-0.0122	0.2371	0.3420								
39	1143	-0.0249	-0.0230	0.0067	0.0633	-0.0136	0.1709	0.2277	0.2881							
39	1140	-0.0336	-0.0315	-0.0087	0.0358	-0.0115	0.1525	0.1942	0.2355	0.2922						
39	1137	-0.0535	-0.0493	-0.0239	0.0527	-0.0117	0.1658	0.2092	0.2671	0.3187	0.3803					
39	1134	-0.0568	-0.0584	-0.0284	0.0209	-0.1102	0.1385	0.1885	0.2318	0.2731	0.3123					
41	1268	-0.0697	-0.0615	-0.0332	0.0231	-0.1119	0.1503	0.1925	0.2379	0.2798	0.3241	0.4189				
41	1265	-0.0842	-0.0776	-0.0451	0.0159	-0.1003	0.1498	0.1899	0.2344	0.2657	0.3074	0.3955				
41	1262	-0.0996	-0.0914	-0.0564	0.0132	-0.0967	0.1497	0.1874	0.2250	0.2491	0.2823	0.3724	0.4647			
41	1259	-0.1155	-0.1067	-0.0668	0.0142	-0.1000	0.1545	0.1840	0.2162	0.2337	0.2583	0.3269	0.4452			
41	1256	-0.1335	-0.1269	-0.0777	0.0090	-0.1062	0.1536	0.1758	0.1932	0.1964	0.2088	0.2429	0.3202	0.4634	0.5486	
Run	Point	CP79	CP80	CP81	CP82	CP83	CP84	CP87	CP88	CP89	CP90	CP91	CP92	CP93	CP94	CP95
37	1048							0.0966								
37	1051							-0.0022	0.0795							
38	1100	0.0190						0.0160	0.0018	-0.0093	0.0387					
38	1097	0.0236						0.0139	0.0020	-0.0040	0.0188	0.0518	0.0967			
38	1094	-0.0022						0.0111	0.0004	-0.0058	0.0090	0.0583	0.0913	0.2157		
39	1146	-0.0217						-0.0280	-0.0435	-0.0683	-0.0374	-0.0063	0.0411	0.1874		
39	1143	-0.0569	0.2424					-0.0391	-0.0463	-0.0600	-0.0572	-0.0298	0.0168	0.1310	0.2205	
39	1140	-0.0638	0.1908					-0.0507	-0.0564	-0.0675	-0.0654	-0.0335	0.0126	0.1081	0.2022	
39	1137	-0.0852	0.2261	0.3317				-0.0710	-0.0757	-0.0912	-0.0834	-0.0457	0.0121	0.1384	0.2224	0.3171
39	1134	-0.0890	0.1963	0.2771				-0.0768	-0.0800	-0.0891	-0.0878	-0.0587	-0.0096	0.1089	0.1936	0.2681
41	1268	-0.0661	0.2347	0.3184	0.3557			-0.0550	-0.0623	-0.0662	-0.0614	-0.0314	0.0212	0.1502	0.2400	0.3119
41	1265	-0.0833	0.2454	0.3106	0.3777			-0.0739	-0.0806	-0.0879	-0.0779	-0.0396	0.0224	0.1490	0.2358	0.3079
41	1262	-0.1001	0.2434	0.2980	0.3645			-0.0860	-0.0949	-0.1006	-0.0925	-0.0535	0.0163	0.1492	0.2337	0.2911
41	1259	-0.1130	0.2339	0.2774	0.3444			-0.1012	-0.1091	-0.1153	-0.1051	-0.0628	0.0080	0.1538	0.2194	0.2668
41	1256	-0.1290	0.2122	0.2304	0.2678	0.4367	0.5401	-0.1196	-0.1272	-0.1341	-0.1249	-0.0758	0.0071	0.1469	0.1978	0.2199



Table 20. Continued

Run	Point	CP96	CP97	CP98	CP99	CP101	CP102	CP103	CP104	CP105		
37	1048											
37	1051					0.1002						
38	1100					0.0035	0.0359					
38	1097					0.0101	0.0193	0.1008				
38	1094					0.0097	0.0088	0.0983				
39	1146					-0.0469	-0.0278	0.0665				
39	1143					-0.0499	-0.0479	0.0403				
39	1140					-0.0556	-0.0590	0.0115				
39	1137					-0.0702	-0.0835	0.0022	0.3074			
39	1134					-0.0792	-0.0862	-0.0044	0.2658			
41	1268	0.3628				-0.0581	-0.0676	0.0221	0.3044			
41	1265	0.3803				-0.0740	-0.0828	0.0187	0.3066			
41	1262	0.3629	0.4288			-0.0906	-0.0963	0.0151	0.2928			
41	1259	0.3251	0.4214			-0.1053	-0.1100	0.0168	0.2689			
41	1256	0.2505	0.3246	0.3246	0.4583	-0.1233	-0.1276	0.0141	0.2227	0.4380		
Run	Point	CP147	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163
37	1048	-0.0303	-0.0415	-0.0418	-0.0474	-0.0595	-0.0620	-0.0607	-0.0712	-0.0839	-0.0980	-0.1104
37	1051	-0.0327	-0.0443	-0.0448	-0.0505	-0.0625	-0.0650	-0.0634	-0.0737	-0.0862	-0.0997	-0.1111
38	1100	-0.0332	-0.0395	-0.0422	-0.0456	-0.0543	-0.0591	-0.0633	-0.0712	-0.0824	-0.0953	-0.1092
38	1097	-0.0397	-0.0403	-0.0427	-0.0460	-0.0546	-0.0595	-0.0633	-0.0713	-0.0822	-0.0948	-0.1079
38	1094	-0.0317	-0.0414	-0.0436	-0.0470	-0.0557	-0.0604	-0.0638	-0.0718	-0.0824	-0.0950	-0.1077
39	1146	-0.0123	-0.0360	-0.0407	-0.0427	-0.0497	-0.0551	-0.0611	-0.0683	-0.0784	-0.0903	-0.1053
39	1143	-0.0133	-0.0362	-0.0405	-0.0426	-0.0494	-0.0546	-0.0602	-0.0670	-0.0773	-0.0891	-0.1041
39	1140	-0.0116	-0.0358	-0.0401	-0.0417	-0.0484	-0.0535	-0.0593	-0.0659	-0.0758	-0.0872	-0.1011
39	1137	-0.0118	-0.0387	-0.0420	-0.0434	-0.0493	-0.0540	-0.0598	-0.0668	-0.0767	-0.0881	-0.1026
39	1134	-0.1115	-0.0396	-0.0431	-0.0441	-0.0499	-0.0549	-0.0607	-0.0673	-0.0771	-0.0885	-0.1025
41	1268	-0.1144	-0.0592	-0.0433	-0.0445	-0.0550	-0.0591	-0.0622	-0.0704	-0.0808	-0.0922	-0.1038
41	1265	-0.1006	-0.0634	-0.0463	-0.0467	-0.0567	-0.0604	-0.0633	-0.0713	-0.0814	-0.0932	-0.1043
41	1262	-0.0973	-0.0687	-0.0496	-0.0489	-0.0583	-0.0615	-0.0640	-0.0716	-0.0816	-0.0930	-0.1039
41	1259	-0.1010	-0.0775	-0.0554	-0.0530	-0.0612	-0.0636	-0.0651	-0.0725	-0.0825	-0.0936	-0.1045
41	1256	-0.1067	-0.0973	-0.0678	-0.0601	-0.0655	-0.0657	-0.0658	-0.0727	-0.0820	-0.0925	-0.1024

Table 20. Concluded

Run	Point	CP164	CP165
37	1048	-0.0492	-0.1139
37	1051	-0.0526	-0.1137
38	1100	-0.0487	-0.1122
38	1097	-0.0494	-0.1110
38	1094	-0.0501	-0.1108
39	1146	-0.0461	-0.1066
39	1143	-0.0457	-0.1052
39	1140	-0.0452	-0.1030
39	1137	-0.0466	-0.1042
39	1134	-0.0473	-0.1042
41	1268	-0.0485	-0.1064
41	1265	-0.0504	-0.1064
41	1262	-0.0521	-0.1060
41	1259	-0.0555	-0.1066
41	1256	-0.0605	-0.1050

Table 21. Pressure Coefficients at  $M_\infty = 0.90$  for Cavity of  $w = 9.6$  in. and  $h = 1.2$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_{\infty}$ , psi	$p_{t,\infty}$ , psi	$q_{\infty}$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
37	1045	0.90	3.52	7.38	12.47	4.18	100.5	1.00	1.1972	-0.3820	-0.4087	-0.3853	-0.4100	-0.1390	0.0413	-0.0489	-0.0334	-0.0186
37	1042	0.90	3.53	7.38	12.48	4.18	100.1	2.00	1.1973	-0.3814	-0.4085	-0.3854	-0.4101	-0.1396	0.0416	-0.0486	-0.0331	-0.0183
37	1039	0.90	3.53	7.38	12.48	4.18	100.0	3.00	1.1973	-0.3815	-0.4085	-0.3854	-0.4109	-0.1403	0.0424	-0.0482	-0.0331	-0.0183
38	1091	0.90	3.44	7.39	12.48	4.18	110.8	4.00	1.1997	-0.3837	-0.4089	-0.3882	-0.4077	-0.1401	0.0323	-0.0514	-0.0378	-0.0212
38	1088	0.90	3.46	7.38	12.49	4.19	108.9	6.00	1.1996	-0.3824	-0.4082	-0.3883	-0.4092	-0.1449	0.0250	-0.0510	-0.0381	-0.0219
38	1085	0.90	3.46	7.39	12.48	4.18	108.1	7.00	1.1986	-0.3857	-0.4099	-0.3892	-0.4072	-0.1420	0.0305	-0.0540	-0.0396	-0.0230
40	1183	0.90	3.45	7.37	12.47	4.18	109.3	7.50	1.2003	-0.3819	-0.4047	-0.3853	-0.4084	-0.1448	0.0467	-0.0472	-0.0336	-0.0187
40	1186	0.90	3.44	7.37	12.47	4.18	110.5	8.00	1.2001	-0.3832	-0.4058	-0.3859	-0.4079	-0.1417	0.0468	-0.0486	-0.0339	-0.0190
40	1189	0.90	3.44	7.38	12.47	4.18	110.7	9.00	1.1994	-0.3844	-0.4066	-0.3861	-0.4081	-0.1410	0.0457	-0.0490	-0.0343	-0.0194
40	1192	0.90	3.44	7.38	12.47	4.18	111.3	10.00	1.1990	-0.3848	-0.4064	-0.3858	-0.4074	-0.1399	0.0475	-0.0494	-0.0347	-0.0194
41	1253	0.90	3.42	7.38	12.48	4.18	112.9	12.00	1.2006	-0.4361	-0.4319	-0.4148	-0.4080	-0.1349	0.0107	-0.0492	-0.0350	-0.0188
41	1250	0.90	3.43	7.38	12.47	4.18	112.0	13.00	1.2003	-0.4366	-0.4317	-0.4153	-0.4078	-0.1353	0.0107	-0.0496	-0.0354	-0.0191
41	1247	0.90	3.44	7.37	12.47	4.18	111.2	14.00	1.2006	-0.4366	-0.4303	-0.4149	-0.4070	-0.1353	0.0089	-0.0500	-0.0361	-0.0195
41	1244	0.90	3.44	7.37	12.47	4.18	111.3	15.00	1.2006	-0.4369	-0.4306	-0.4157	-0.4074	-0.1360	0.0060	-0.0503	-0.0364	-0.0202
41	1241	0.90	3.44	7.37	12.47	4.18	110.3	16.75	1.2007	-0.4356	-0.4317	-0.4171	-0.4074	-0.1360	0.0067	-0.0496	-0.0364	-0.0202
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
37	1045	-0.0178	-0.0145	1.2086	0.1280	0.0893	0.0648	0.1203	0.0737	0.0421	0.1996	0.1807	0.1596	0.1305	0.0833	0.0794	0.0361	-0.0440
37	1042	-0.0174	-0.0138	1.2086	0.1279	0.0896	0.0648	0.1192	0.0733	0.0435	0.1998	0.1813	0.1595	0.1304	0.0836	0.0790	0.0361	-0.0440
37	1039	-0.0174	-0.0135	1.2090	0.1279	0.0896	0.0652	0.1182	0.0733	0.0435	0.1998	0.1817	0.1595	0.1308	0.0836	0.0794	0.0357	-0.0436
38	1091	-0.0177	-0.0122	1.2036	0.1286	0.0853	0.0645	0.0960	0.0705	0.0320	0.1944	0.1806	0.1555	0.1313	0.0828	0.0751	0.0249	-0.0432
38	1088	-0.0184	-0.0129	1.2038	0.1269	0.0838	0.0637	0.0903	0.0689	0.0246	0.1934	0.1796	0.1542	0.1311	0.0816	0.0735	0.0230	-0.0446
38	1085	-0.0188	-0.0129	1.2026	0.1265	0.0840	0.0639	0.0885	0.0691	0.0305	0.1931	0.1793	0.1535	0.1303	0.0815	0.0733	0.0227	-0.0443
40	1183	-0.0158	-0.0115	1.2083	0.1278	0.0875	0.0653	0.1113	0.0730	0.0467	0.1976	0.1824	0.1592	0.1325	0.0851	0.0789	0.0316	-0.0422
40	1186	-0.0158	-0.0115	1.2085	0.1282	0.0872	0.0646	0.1124	0.0727	0.0471	0.1973	0.1825	0.1593	0.1323	0.0848	0.0786	0.0316	-0.0426
40	1189	-0.0166	-0.0122	1.2082	0.1276	0.0869	0.0646	0.1151	0.0724	0.0468	0.1970	0.1818	0.1586	0.1320	0.0845	0.0787	0.0320	-0.0430
40	1192	-0.0162	-0.0122	1.2081	0.1276	0.0873	0.0643	0.1159	0.0728	0.0479	0.1967	0.1815	0.1587	0.1317	0.0845	0.0783	0.0320	-0.0426
41	1253	-0.0166	-0.0114	1.2086	0.1261	0.0854	0.0645	0.1112	0.0715	0.0107	0.1964	0.1816	0.1571	0.1317	0.0837	0.0772	0.0303	-0.0433
41	1250	-0.0170	-0.0121	1.2080	0.1254	0.0851	0.0641	0.1102	0.0712	0.0115	0.1972	0.1809	0.1571	0.1314	0.0834	0.0769	0.0296	-0.0437
41	1247	-0.0170	-0.0117	1.2079	0.1254	0.0847	0.0638	0.1075	0.0708	0.0093	0.1968	0.1809	0.1568	0.1317	0.0834	0.0768	0.0292	-0.0434
41	1244	-0.0177	-0.0128	1.2069	0.1246	0.0840	0.0638	0.1064	0.0708	0.0071	0.1979	0.1809	0.1564	0.1314	0.0831	0.0761	0.0285	-0.0437
41	1241	-0.0177	-0.0124	1.2069	0.1246	0.0844	0.0638	0.1034	0.0708	0.0063	0.1976	0.1806	0.1561	0.1317	0.0831	0.0761	0.0285	-0.0437

Table 21. Continued

Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
37	1045	-0.1431	-0.0592	-0.0063	0.0041	0.0122	0.0138	0.0111	0.0145	0.0147	0.0102	0.0051	0.0082	0.0159	0.0248	0.0131	0.0128	-0.0119
37	1042	-0.1434	-0.0592	-0.0059	0.0041	0.0126	0.0141	0.0116	0.0154	0.0155	0.0113	0.0066	0.0106	0.0194	0.0317	0.0154	0.0088	-0.0122
37	1039	-0.1438	-0.0592	-0.0058	0.0043	0.0126	0.0143	0.0120	0.0152	0.0160	0.0120	0.0073	0.0117	0.0209	0.0344	0.0171	0.0074	-0.0142
38	1091	-0.1526	-0.0607	-0.0040	0.0031	0.0080	0.0129	0.0137	0.0156	0.0150	0.0133	0.0077	0.0148	0.0190	0.0290	0.0147	0.0109	0.0080
38	1088	-0.1557	-0.0617	-0.0045	0.0022	0.0065	0.0117	0.0132	0.0147	0.0142	0.0131	0.0071	0.0143	0.0167	0.0243	0.0133	0.0207	-0.0109
38	1085	-0.1538	-0.0618	-0.0045	0.0022	0.0064	0.0119	0.0134	0.0149	0.0141	0.0130	0.0070	0.0141	0.0161	0.0222	0.0128	0.0213	-0.0125
40	1183	-0.1485	-0.0584	-0.0036	0.0046	0.0110	0.0145	0.0140	0.0167	0.0165	0.0137	0.0084	0.0135	0.0180	0.0252	0.0156	0.0202	-0.0110
40	1186	-0.1476	-0.0585	-0.0039	0.0046	0.0112	0.0145	0.0136	0.0164	0.0162	0.0128	0.0077	0.0123	0.0168	0.0232	0.0150	0.0185	0.0053
40	1189	-0.1469	-0.0585	-0.0046	0.0041	0.0108	0.0139	0.0129	0.0154	0.0155	0.0120	0.0063	0.0105	0.0149	0.0201	0.0131	0.0140	0.0356
40	1192	-0.1458	-0.0581	-0.0046	0.0041	0.0110	0.0142	0.0131	0.0159	0.0157	0.0123	0.0065	0.0100	0.0132	0.0171	0.0115	0.0109	0.0529
41	1253	-0.1485	-0.0579	-0.0044	0.0041	0.0104	0.0134	0.0131	0.0148	0.0151	0.0120	0.0053	0.0078	0.0082	0.0073	0.0072	0.0039	0.0736
41	1250	-0.1493	-0.0579	-0.0044	0.0040	0.0104	0.0132	0.0133	0.0145	0.0144	0.0109	0.0039	0.0063	0.0054	0.0019	0.0044	-0.0004	0.0793
41	1247	-0.1496	-0.0579	-0.0045	0.0038	0.0099	0.0127	0.0127	0.0137	0.0132	0.0097	0.0026	0.0049	0.0025	-0.0043	0.0018	-0.0053	0.0826
41	1244	-0.1504	-0.0583	-0.0047	0.0029	0.0088	0.0119	0.0118	0.0130	0.0127	0.0092	0.0012	0.0023	-0.0014	-0.0104	-0.0020	-0.0110	0.0828
41	1241	-0.1508	-0.0579	-0.0049	0.0029	0.0085	0.0112	0.0117	0.0123	0.0113	0.0074	-0.0008	0.0000	-0.0059	-0.0195	-0.0063	-0.0194	0.0794
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP60	CP61				
37	1045	-0.0042	0.0026	0.0024	-0.0105	0.0136	0.0651	0.0717	0.0594	0.0571	0.0724	0.0633	0.0395					
37	1042	-0.0037	0.0032	0.0051	-0.0107	0.0138	0.0278	0.0784	0.0295	0.0598	0.0228	0.0405	0.0018	0.0630				
37	1039	-0.0035	0.0032	0.0072	-0.0121	0.0138	0.0425	0.0493	0.0565	0.0474	0.0499	0.0418	0.0406	0.0219				
38	1091	-0.0193	0.0102	0.0122	0.0037	0.0139	0.0422	0.0408	0.0447	0.0431	0.0417	0.0421	0.0398	0.0360				
38	1088	-0.0213	0.0086	0.0111	-0.0129	0.0119	0.0316	0.0311	0.0314	0.0328	0.0335	0.0326	0.0297	0.0237				
38	1085	-0.0234	0.0081	0.0113	-0.0229	0.0109	0.0279	0.0255	0.0282	0.0284	0.0267	0.0262	0.0242	0.0193				
40	1183	-0.0120	-0.0152	0.0092	-0.0231	-0.0074	0.0222	0.0237	0.0248	0.0232	0.0237	0.0181	0.0227	0.0168				
40	1186	-0.0156	-0.0161	0.0080	-0.0172	-0.0075	0.0190	0.0206	0.0250	0.0221	0.0219	0.0157	0.0205	0.0151				
40	1189	-0.0238	-0.0175	0.0058	0.0150	-0.0084	0.0122	0.0140	0.0174	0.0145	0.0170	0.0087	0.0122	0.0082				
40	1192	-0.0358	-0.0197	0.0044	0.0475	-0.0105	0.0048	0.0068	0.0113	0.0065	0.0085	-0.0002	0.0045	0.0005				
41	1253	-0.0582	-0.0224	-0.0001	0.0862	-0.0162	-0.0207	-0.0186	-0.0137	-0.0190	-0.0188	-0.0259	-0.0212	-0.0242				
41	1250	-0.0118	-0.0367	-0.0021	0.0950	-0.0313	-0.0355	-0.0332	-0.0283	-0.0325	-0.0342	-0.0404	-0.0357	-0.0403				
41	1247	0.0541	-0.0591	-0.0049	0.1006	-0.0544	-0.0521	-0.0502	-0.0461	-0.0466	-0.0497	-0.0561	-0.0536	-0.0572				
41	1244	0.0977	-0.0909	-0.0079	0.1020	-0.0866	-0.0703	-0.0678	-0.0619	-0.0623	-0.0661	-0.0724	-0.0696	-0.0723				
41	1241	0.1250	-0.1390	-0.0123	0.0983	-0.1352	-0.0947	-0.0944	-0.0854	-0.0908	-0.0955	-0.0994	-0.0946	-0.0976				

Table 21. Continued

Run	Point	CP62	CP63	CP64	CP65	CP66	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74	CP75	
37	1045															
37	1042															
37	1039	0.0624														
38	1091	0.0376	0.0767													
38	1088	0.0162	0.0381	0.0756	0.1220	0.0050										
38	1085	0.0070	0.0216	0.0612	0.1150	0.0133	0.2746									
40	1183	0.0070	0.0179	0.0515	0.1040	0.0261	0.2096									
40	1186	0.0082	0.0215	0.0412	0.0917	0.0256	0.1890	0.2629								
40	1189	0.0026	0.0084	0.0231	0.0590	0.0252	0.1532	0.1905	0.2401							
40	1192	-0.0046	0.0017	0.0138	0.0455	0.0264	0.1374	0.1705	0.2140	0.2487						
41	1253	-0.0293	-0.0247	-0.0076	0.0331	-0.0246	0.1374	0.1780	0.2255	0.2561	0.2846	0.3801				
41	1250	-0.0437	-0.0386	-0.0193	0.0212	-0.0237	0.1337	0.1769	0.2250	0.2579	0.2930	0.3551				
41	1247	-0.0598	-0.0546	-0.0323	0.0123	-0.0268	0.1351	0.1793	0.2234	0.2530	0.2880	0.3610	0.4359			
41	1244	-0.0745	-0.0701	-0.0460	0.0037	-0.0292	0.1386	0.1803	0.2204	0.2463	0.2760	0.3459	0.4392			
41	1241	-0.1033	-0.0996	-0.0667	0.0041	-0.0311	0.1391	0.1797	0.2114	0.2271	0.2461	0.2877	0.3590	0.4750	0.5721	
Run	Point	CP79	CP80	CP81	CP82	CP83	CP84	CP87	CP88	CP89	CP90	CP91	CP92	CP93	CP94	CP95
37	1045							0.1030								
37	1042							0.0126	0.0701							
37	1039							0.0418	0.0002	0.0844						
38	1091	0.0450						0.0304	0.0161	0.0042	0.0579					
38	1088	0.0250						0.0215	0.0134	0.0086	0.0272	0.0481	0.0773			
38	1085	0.0223						0.0210	0.0118	0.0037	0.0164	0.0451	0.0855	0.1973		
40	1183	0.0069						0.0159	0.0037	-0.0044	0.0122	0.0446	0.0800	0.1501		
40	1186	-0.0121						0.0100	-0.0006	-0.0030	0.0019	0.0451	0.0786	0.1456		
40	1189	-0.0099	0.1874					0.0054	-0.0049	-0.0067	-0.0023	0.0183	0.0502	0.1323	0.1858	
40	1192	-0.0168	0.1905					0.0001	-0.0097	-0.0109	-0.0083	0.0080	0.0377	0.1198	0.1659	
41	1253	-0.0329	0.2129	0.2833	0.3334			-0.0161	-0.0256	-0.0285	-0.0244	-0.0037	0.0297	0.1251	0.2064	0.2766
41	1250	-0.0500	0.2173	0.2818	0.3525			-0.0325	-0.0411	-0.0438	-0.0406	-0.0212	0.0207	0.1198	0.2051	0.2848
41	1247	-0.0738	0.2128	0.2850	0.3436			-0.0562	-0.0650	-0.0668	-0.0651	-0.0429	0.0078	0.1060	0.1977	0.2760
41	1244	-0.0879	0.2110	0.2736	0.3349			-0.0745	-0.0823	-0.0842	-0.0793	-0.0526	-0.0029	0.1125	0.1998	0.2695
41	1241	-0.1162	0.1979	0.2459	0.2932	0.4314	0.5432	-0.1037	-0.1103	-0.1134	-0.1083	-0.0738	-0.0134	0.1178	0.1890	0.2409

Table 21. Continued

Run	Point	CP96	CP97	CP98	CP99	CP101	CP102	CP103	CP104	CP105		
37	1045											
37	1042					0.0981						
37	1039					0.0160						
38	1091					0.0188	0.0497					
38	1088					0.0196	0.0239	0.0792				
38	1085					0.0160	0.0221	0.0937				
40	1183					0.0106	0.0089	0.0846				
40	1186					0.0097	-0.0053	0.0733				
40	1189					0.0039	-0.0093	0.0543				
40	1192					-0.0018	-0.0174	0.0361				
41	1253	0.3238				-0.0181	-0.0329	0.0356	0.2835			
41	1250	0.3447				-0.0334	-0.0488	0.0184	0.2832			
41	1247	0.3360	0.3768			-0.0583	-0.0699	0.0049	0.2790			
41	1244	0.3266	0.3976			-0.0759	-0.0869	-0.0030	0.2742			
41	1241	0.2797	0.3488	0.3488	0.4561	-0.1054	-0.1121	-0.0171	0.2471	0.4340		
Run	Point	CP147	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163
37	1045	0.0157	0.0032	0.0069	0.0050	-0.0037	-0.0021	0.0032	-0.0032	-0.0110	-0.0202	-0.0278
37	1042	0.0177	0.0036	0.0069	0.0050	-0.0034	-0.0014	0.0044	-0.0014	-0.0085	-0.0174	-0.0238
37	1039	0.0184	0.0041	0.0074	0.0056	-0.0027	-0.0007	0.0051	-0.0005	-0.0075	-0.0158	-0.0209
38	1091	0.0130	0.0081	0.0096	0.0095	0.0043	0.0041	0.0048	0.0014	-0.0049	-0.0124	-0.0204
38	1088	0.0044	0.0082	0.0098	0.0103	0.0055	0.0054	0.0058	0.0028	-0.0031	-0.0102	-0.0178
38	1085	0.0125	0.0084	0.0097	0.0100	0.0052	0.0051	0.0057	0.0026	-0.0029	-0.0099	-0.0173
40	1183	0.0273	0.0107	0.0116	0.0108	0.0039	0.0048	0.0080	0.0042	-0.0018	-0.0085	-0.0141
40	1186	0.0270	0.0100	0.0112	0.0105	0.0035	0.0050	0.0082	0.0046	-0.0016	-0.0085	-0.0134
40	1189	0.0264	0.0095	0.0106	0.0099	0.0028	0.0041	0.0076	0.0040	-0.0016	-0.0082	-0.0127
40	1192	0.0270	0.0085	0.0099	0.0094	0.0026	0.0041	0.0080	0.0044	-0.0016	-0.0082	-0.0130
41	1253	-0.0254	-0.0115	0.0118	0.0133	0.0052	0.0057	0.0080	0.0040	-0.0018	-0.0086	-0.0134
41	1250	-0.0244	-0.0149	0.0088	0.0109	0.0032	0.0041	0.0069	0.0033	-0.0021	-0.0086	-0.0138
41	1247	-0.0267	-0.0205	0.0055	0.0089	0.0021	0.0036	0.0062	0.0029	-0.0023	-0.0086	-0.0138
41	1244	-0.0298	-0.0292	-0.0004	0.0048	-0.0003	0.0015	0.0044	0.0015	-0.0036	-0.0095	-0.0146
41	1241	-0.0310	-0.0528	-0.0153	-0.0035	-0.0048	-0.0008	0.0036	0.0014	-0.0036	-0.0093	-0.0143

Table 21. Concluded

Run	Point	CP164	CP165
37	1045	0.0039	-0.0312
37	1042	0.0045	-0.0280
37	1039	0.0050	-0.0252
38	1091	0.0082	-0.0238
38	1088	0.0083	-0.0206
38	1085	0.0085	-0.0204
40	1183	0.0094	-0.0164
40	1186	0.0087	-0.0168
40	1189	0.0092	-0.0162
40	1192	0.0083	-0.0162
41	1253	0.0106	-0.0165
41	1250	0.0094	-0.0163
41	1247	0.0075	-0.0169
41	1244	0.0042	-0.0170
41	1241	-0.0023	-0.0167

Table 22. Pressure Coefficients at  $M_\infty = 0.95$  for Cavity of  $w = 9.6$  in. and  $h = 1.2$  in.

Run	Point	$M_\infty$	$R_\infty \times 10^{-6}$ , per foot	$p_\infty$ , psi	$p_{t,\infty}$ , psi	$q_\infty$ , psi	$T_{t,\infty}$ , °F	$l/h$	CP01	CP02	CP03	CP04	CP05	CP06	CP07	CP08	CP09	CP10
37	1030	0.95	3.40	6.61	11.81	4.18	100.0	1.00	1.2334	-0.2721	-0.3151	-0.3127	-0.3591	-0.3981	0.0449	-0.3475	0.0104	0.0633
37	1033	0.95	3.41	6.60	11.80	4.17	99.4	2.00	1.2347	-0.2713	-0.3142	-0.3114	-0.3586	-0.3970	0.0479	-0.3453	0.0133	0.0644
37	1036	0.95	3.41	6.60	11.80	4.17	99.0	3.00	1.2350	-0.2711	-0.3138	-0.3113	-0.3578	-0.3962	0.0483	-0.3424	0.0147	0.0648
38	1082	0.95	3.36	6.60	11.82	4.18	106.4	4.00	1.2380	-0.2716	-0.3128	-0.3144	-0.3558	-0.3982	0.0351	-0.3494	0.0052	0.0620
38	1079	0.95	3.36	6.60	11.80	4.17	104.7	6.00	1.2372	-0.2730	-0.3135	-0.3155	-0.3563	-0.3992	0.0250	-0.3430	0.0106	0.0614
38	1076	0.95	3.37	6.60	11.80	4.17	104.4	7.00	1.2368	-0.2736	-0.3145	-0.3166	-0.3570	-0.3999	0.0319	-0.3434	0.0095	0.0607
40	1168	0.95	3.37	6.60	11.80	4.17	104.4	7.50	1.2353	-0.2772	-0.3148	-0.3188	-0.3586	-0.4005	0.0443	-0.3362	0.0141	0.0601
40	1171	0.95	3.38	6.63	11.85	4.19	104.1	8.00	1.2380	-0.2744	-0.3122	-0.3154	-0.3558	-0.3979	0.0481	-0.3317	0.0179	0.0633
40	1174	0.95	3.38	6.63	11.85	4.18	104.4	9.00	1.2364	-0.2777	-0.3152	-0.3185	-0.3589	-0.4006	0.0452	-0.3252	0.0194	0.0603
40	1177	0.95	3.38	6.64	11.85	4.18	105.0	10.00	1.2356	-0.2779	-0.3162	-0.3195	-0.3596	-0.4012	0.0463	-0.3240	0.0194	0.0603
40	1180	0.95	3.36	6.61	11.83	4.19	106.1	11.00	1.2357	-0.2754	-0.3140	-0.3166	-0.3584	-0.3993	0.0502	-0.3477	0.0084	0.0619
41	1226	0.95	3.36	6.62	11.82	4.18	106.2	12.00	1.2370	-0.3319	-0.3356	-0.3462	-0.3570	-0.4005	0.0001	-0.3225	0.0166	0.0602
41	1229	0.95	3.36	6.62	11.82	4.17	106.2	13.00	1.2361	-0.3332	-0.3360	-0.3465	-0.3570	-0.4016	-0.0010	-0.3040	0.0201	0.0592
41	1232	0.95	3.36	6.62	11.82	4.17	106.4	14.00	1.2355	-0.3331	-0.3358	-0.3460	-0.3565	-0.4015	-0.0050	-0.3024	0.0201	0.0588
41	1235	0.95	3.34	6.62	11.82	4.17	108.2	15.00	1.2354	-0.3340	-0.3375	-0.3470	-0.3575	-0.4021	-0.0079	-0.2955	0.0212	0.0586
41	1238	0.95	3.34	6.63	11.82	4.17	108.9	16.75	1.2355	-0.3342	-0.3373	-0.3471	-0.3569	-0.4026	-0.0101	-0.2867	0.0230	0.0586
Run	Point	CP11	CP12	CP13	CP14	CP15	CP16	CP17	CP18	CP19	CP20	CP21	CP22	CP23	CP24	CP25	CP26	CP27
37	1030	0.0600	0.0509	1.2406	0.1496	0.1071	0.0844	0.1359	0.1001	0.0457	0.2337	0.2206	0.1969	0.1661	0.1187	0.1136	0.0688	-0.0200
37	1033	0.0612	0.0520	1.2423	0.1512	0.1085	0.0859	0.1394	0.1012	0.0490	0.2350	0.2219	0.1982	0.1677	0.1199	0.1147	0.0707	-0.0189
37	1036	0.0612	0.0517	1.2433	0.1510	0.1086	0.0864	0.1403	0.1017	0.0491	0.2355	0.2224	0.1990	0.1678	0.1203	0.1156	0.0712	-0.0185
38	1082	0.0621	0.0544	1.2388	0.1497	0.1019	0.0873	0.1107	0.0985	0.0344	0.2319	0.2206	0.1943	0.1695	0.1191	0.1101	0.0583	-0.0178
38	1079	0.0605	0.0532	1.2378	0.1486	0.1011	0.0860	0.1072	0.0973	0.0250	0.2310	0.2200	0.1934	0.1685	0.1184	0.1093	0.0569	-0.0185
38	1076	0.0597	0.0525	1.2370	0.1483	0.1008	0.0860	0.1061	0.0970	0.0316	0.2303	0.2193	0.1927	0.1682	0.1180	0.1086	0.0562	-0.0193
40	1168	0.0583	0.0508	1.2378	0.1472	0.1017	0.0843	0.1151	0.0971	0.0446	0.2311	0.2188	0.1934	0.1667	0.1176	0.1093	0.0588	-0.0198
40	1171	0.0614	0.0533	1.2411	0.1499	0.1055	0.0872	0.1205	0.1003	0.0481	0.2339	0.2216	0.1965	0.1697	0.1210	0.1129	0.0626	-0.0168
40	1174	0.0578	0.0499	1.2391	0.1479	0.1038	0.0852	0.1192	0.0983	0.0459	0.2315	0.2192	0.1946	0.1673	0.1187	0.1108	0.0605	-0.0190
40	1177	0.0574	0.0496	1.2391	0.1475	0.1031	0.0848	0.1202	0.0979	0.0467	0.2314	0.2188	0.1941	0.1669	0.1179	0.1104	0.0605	-0.0200
40	1180	0.0610	0.0526	1.2396	0.1484	0.1037	0.0854	0.1245	0.0988	0.0514	0.2324	0.2197	0.1954	0.1678	0.1189	0.1114	0.0622	-0.0190
41	1226	0.0574	0.0508	1.2392	0.1456	0.1011	0.0848	0.1134	0.0972	-0.0003	0.2331	0.2193	0.1933	0.1680	0.1178	0.1095	0.0596	-0.0197
41	1229	0.0556	0.0491	1.2387	0.1454	0.1006	0.0849	0.1146	0.0970	-0.0011	0.2327	0.2185	0.1928	0.1672	0.1172	0.1089	0.0597	-0.0201
41	1232	0.0552	0.0484	1.2381	0.1453	0.1005	0.0841	0.1162	0.0965	-0.0047	0.2325	0.2184	0.1927	0.1667	0.1175	0.1088	0.0597	-0.0179
41	1235	0.0545	0.0474	1.2387	0.1451	0.0996	0.0839	0.1205	0.0967	-0.0080	0.2324	0.2178	0.1926	0.1665	0.1173	0.1086	0.0601	-0.0208
41	1238	0.0546	0.0474	1.2391	0.1458	0.1000	0.0843	0.1212	0.0970	-0.0099	0.2328	0.2179	0.1933	0.1666	0.1170	0.1090	0.0605	-0.0205



Table 22. Continued

Run	Point	CP28	CP29	CP30	CP31	CP32	CP33	CP34	CP35	CP36	CP37	CP38	CP39	CP40	CP41	CP42	CP43	CP44
37	1030	-0.1220	-0.2557	0.0463	0.0400	0.0391	0.0362	0.0305	0.0305	0.0272	0.0212	0.0134	0.0159	0.0210	0.0301	0.0166	0.0183	-0.0082
37	1033	-0.1203	-0.2544	0.0476	0.0420	0.0413	0.0382	0.0323	0.0320	0.0291	0.0228	0.0158	0.0188	0.0261	0.0397	0.0213	0.0135	-0.0072
37	1036	-0.1196	-0.2542	0.0476	0.0421	0.0417	0.0385	0.0329	0.0327	0.0300	0.0241	0.0173	0.0206	0.0287	0.0434	0.0239	0.0132	-0.0088
38	1082	-0.1311	-0.2554	0.0504	0.0408	0.0360	0.0365	0.0346	0.0323	0.0287	0.0251	0.0174	0.0238	0.0256	0.0364	0.0205	0.0184	0.0167
38	1079	-0.1317	-0.2559	0.0488	0.0401	0.0350	0.0359	0.0340	0.0322	0.0285	0.0252	0.0175	0.0234	0.0240	0.0314	0.0194	0.0296	-0.0053
38	1076	-0.1332	-0.2559	0.0487	0.0395	0.0347	0.0354	0.0339	0.0317	0.0278	0.0248	0.0168	0.0232	0.0233	0.0303	0.0192	0.0301	-0.0104
40	1168	-0.1300	-0.2561	0.0465	0.0387	0.0352	0.0351	0.0327	0.0312	0.0273	0.0233	0.0157	0.0209	0.0221	0.0288	0.0183	0.0267	-0.0094
40	1171	-0.1266	-0.2532	0.0491	0.0416	0.0385	0.0381	0.0357	0.0344	0.0309	0.0269	0.0192	0.0235	0.0250	0.0311	0.0212	0.0283	0.0121
40	1174	-0.1285	-0.2560	0.0461	0.0393	0.0364	0.0360	0.0333	0.0318	0.0281	0.0238	0.0158	0.0203	0.0212	0.0261	0.0176	0.0214	0.0460
40	1177	-0.1285	-0.2563	0.0456	0.0388	0.0359	0.0355	0.0326	0.0314	0.0278	0.0232	0.0153	0.0192	0.0193	0.0228	0.0160	0.0178	0.0649
40	1180	-0.1274	-0.2547	0.0482	0.0400	0.0368	0.0357	0.0320	0.0307	0.0268	0.0218	0.0137	0.0169	0.0171	0.0191	0.0137	0.0131	0.0748
41	1226	-0.1308	-0.2562	0.0469	0.0391	0.0353	0.0344	0.0326	0.0298	0.0265	0.0222	0.0138	0.0171	0.0140	0.0121	0.0102	0.0089	0.0820
41	1229	-0.1305	-0.2568	0.0453	0.0380	0.0348	0.0341	0.0320	0.0295	0.0262	0.0218	0.0130	0.0156	0.0116	0.0080	0.0079	0.0043	0.0872
41	1232	-0.1305	-0.2567	0.0451	0.0377	0.0346	0.0341	0.0316	0.0293	0.0257	0.0210	0.0118	0.0136	0.0088	0.0033	0.0055	-0.0018	0.0904
41	1235	-0.1306	-0.2572	0.0439	0.0373	0.0345	0.0336	0.0311	0.0288	0.0254	0.0205	0.0110	0.0123	0.0069	-0.0016	0.0031	-0.0080	0.0919
41	1238	-0.1295	-0.2570	0.0436	0.0371	0.0347	0.0336	0.0310	0.0285	0.0249	0.0193	0.0093	0.0097	0.0027	-0.0092	-0.0011	-0.0191	0.0895
Run	Point	CP45	CP46	CP47	CP48	CP49	CP50	CP51	CP52	CP53	CP54	CP55	CP60	CP61				
37	1030	0.0099	0.0199	0.0084	-0.0061	0.0285	0.0719	0.0794	0.0661	0.0674	0.0806	0.0716	0.0434					
37	1033	0.0110	0.0217	0.0125	-0.0047	0.0308	0.0412	0.0929	0.0371	0.0740	0.0318	0.0496	0.0121	0.0659				
37	1036	0.0105	0.0220	0.0152	-0.0054	0.0316	0.0574	0.0610	0.0683	0.0620	0.0573	0.0505	0.0524	0.0388				
38	1082	-0.0082	0.0300	0.0198	0.0122	0.0316	0.0509	0.0504	0.0560	0.0534	0.0496	0.0517	0.0490	0.0462				
38	1079	-0.0101	0.0292	0.0191	-0.0060	0.0307	0.0427	0.0402	0.0406	0.0429	0.0421	0.0439	0.0406	0.0354				
38	1076	-0.0137	0.0280	0.0188	-0.0218	0.0291	0.0376	0.0361	0.0378	0.0391	0.0380	0.0361	0.0357	0.0327				
40	1168	0.0035	0.0005	0.0158	-0.0232	0.0045	0.0303	0.0312	0.0331	0.0347	0.0363	0.0331	0.0314	0.0266				
40	1171	0.0026	0.0029	0.0182	-0.0146	0.0075	0.0304	0.0312	0.0342	0.0355	0.0366	0.0337	0.0297	0.0257				
40	1174	-0.0082	-0.0002	0.0143	0.0238	0.0049	0.0219	0.0230	0.0235	0.0236	0.0258	0.0218	0.0216	0.0189				
40	1177	-0.0241	-0.0030	0.0122	0.0614	0.0021	0.0147	0.0165	0.0200	0.0165	0.0157	0.0103	0.0138	0.0111				
40	1180	-0.0479	-0.0086	0.0091	0.0826	-0.0023	0.0046	0.0062	0.0097	0.0073	0.0081	0.0019	0.0032	-0.0005				
41	1226	-0.0565	-0.0045	0.0071	0.0965	-0.0034	-0.0081	-0.0065	-0.0040	-0.0049	-0.0065	-0.0112	-0.0095	-0.0124				
41	1229	0.0065	-0.0187	0.0050	0.1052	-0.0176	-0.0225	-0.0201	-0.0158	-0.0186	-0.0210	-0.0242	-0.0239	-0.0264				
41	1232	0.0779	-0.0433	0.0020	0.1109	-0.0423	-0.0365	-0.0358	-0.0303	-0.0318	-0.0346	-0.0392	-0.0374	-0.0397				
41	1235	0.1214	-0.0903	-0.0010	0.1133	-0.0885	-0.0561	-0.0536	-0.0489	-0.0502	-0.0555	-0.0588	-0.0565	-0.0582				
41	1238	0.1495	-0.1362	-0.0054	0.1118	-0.1364	-0.0808	-0.0801	-0.0728	-0.0780	-0.0819	-0.0849	-0.0821	-0.0848				

Table 22. Continued

Run	Point	CP62	CP63	CP64	CP65	CP66	CP67	CP68	CP69	CP70	CP71	CP72	CP73	CP74	CP75	
37	1030															
37	1033															
37	1036	0.0774														
38	1082	0.0529	0.0955													
38	1079	0.0313	0.0467	0.0843	0.1265	0.0235										
38	1076	0.0249	0.0361	0.0704	0.1259	0.0312	0.2791									
40	1168	0.0206	0.0280	0.0581	0.1072	0.0431	0.2034									
40	1171	0.0222	0.0257	0.0507	0.0882	0.0453	0.1876	0.2667								
40	1174	0.0163	0.0173	0.0321	0.0651	0.0424	0.1506	0.1874	0.2348							
40	1177	0.0065	0.0086	0.0220	0.0548	0.0438	0.1371	0.1724	0.2088	0.2389						
40	1180	-0.0043	-0.0023	0.0114	0.0413	0.0480	0.1275	0.1659	0.2036	0.2332	0.2715					
41	1226	-0.0138	-0.0131	0.0024	0.0355	-0.0077	0.1244	0.1664	0.2090	0.2450	0.2745	0.3608				
41	1229	-0.0271	-0.0260	-0.0092	0.0267	-0.0089	0.1280	0.1713	0.2136	0.2441	0.2793	0.3438				
41	1232	-0.0418	-0.0400	-0.0221	0.0165	-0.0136	0.1301	0.1712	0.2109	0.2446	0.2782	0.3457	0.4190			
41	1235	-0.0608	-0.0578	-0.0358	0.0059	-0.0180	0.1253	0.1748	0.2168	0.2466	0.2786	0.3460	0.4192			
41	1238	-0.0872	-0.0842	-0.0601	-0.0044	-0.0208	0.1279	0.1726	0.2110	0.2336	0.2551	0.3031	0.3734	0.4682	0.5646	
Run	Point	CP79	CP80	CP81	CP82	CP83	CP84	CP87	CP88	CP89	CP90	CP91	CP92	CP93	CP94	CP95
37	1030							0.0940								
37	1033							0.0079	0.0609							
37	1036							0.0462	0.0061	0.0867						
38	1082	0.0496						0.0296	0.0201	0.0085	0.0652					
38	1079	0.0366						0.0309	0.0250	0.0159	0.0345	0.0604	0.0907			
38	1076	0.0189						0.0246	0.0194	0.0135	0.0229	0.0563	0.0975	0.2090		
40	1168	0.0090						0.0234	0.0155	0.0104	0.0181	0.0494	0.0841	0.1422		
40	1171	0.0105						0.0199	0.0135	0.0091	0.0161	0.0444	0.0843	0.1524		
40	1174	0.0037	0.1912					0.0180	0.0111	0.0053	0.0070	0.0235	0.0536	0.1245	0.1756	
40	1177	-0.0060	0.1891					0.0098	0.0032	-0.0006	-0.0023	0.0100	0.0408	0.1157	0.1802	
40	1180	-0.0135	0.1843	0.2373				0.0020	-0.0061	-0.0086	-0.0085	0.0039	0.0339	0.1109	0.1781	0.2178
41	1226	-0.0303	0.1946	0.2614	0.3150			-0.0172	-0.0227	-0.0281	-0.0268	-0.0124	0.0233	0.1088	0.1853	0.2669
41	1229	-0.0440	0.1897	0.2605	0.3224			-0.0281	-0.0340	-0.0384	-0.0388	-0.0224	0.0197	0.1089	0.1898	0.2589
41	1232	-0.0582	0.1925	0.2684	0.3335			-0.0433	-0.0494	-0.0534	-0.0519	-0.0330	0.0061	0.1051	0.1958	0.2650
41	1235	-0.0761	0.1989	0.2713	0.3313			-0.0618	-0.0676	-0.0703	-0.0703	-0.0460	-0.0024	0.1042	0.1939	0.2671
41	1238	-0.1013	0.1976	0.2526	0.3053	0.4277	0.5284	-0.0888	-0.0958	-0.0999	-0.0957	-0.0703	-0.0182	0.1060	0.1970	0.2507

Table 22. Continued

Run	Point	CP96	CP97	CP98	CP99	CP101	CP102	CP103	CP104	CP105		
37	1030											
37	1033					0.0859						
37	1036					0.0169						
38	1082					0.0261	0.0581					
38	1079					0.0285	0.0331	0.0913				
38	1076					0.0229	0.0227	0.0893				
40	1168					0.0203	0.0149	0.0840				
40	1171					0.0183	0.0128	0.0775				
40	1174					0.0127	0.0021	0.0560				
40	1177					0.0079	-0.0052	0.0437				
40	1180					-0.0018	-0.0138	0.0362	0.2314			
41	1226	0.3085				-0.0164	-0.0310	0.0219	0.2635			
41	1229	0.3185				-0.0303	-0.0430	0.0174	0.2638			
41	1232	0.3272	0.3677			-0.0462	-0.0566	0.0059	0.2704			
41	1235	0.3225	0.3859			-0.0633	-0.0739	-0.0007	0.2705			
41	1238	0.2929	0.3576	0.3576	0.4467	-0.0935	-0.0992	-0.0191	0.2544	0.4378		
Run	Point	CP147	CP154	CP155	CP156	CP157	CP158	CP159	CP160	CP161	CP162	CP163
37	1030	0.0351	0.0298	0.0358	0.0357	0.0304	0.0345	0.0412	0.0380	0.0326	0.0262	0.0212
37	1033	0.0385	0.0310	0.0365	0.0371	0.0317	0.0361	0.0435	0.0404	0.0352	0.0296	0.0257
37	1036	0.0380	0.0317	0.0376	0.0378	0.0324	0.0366	0.0443	0.0415	0.0367	0.0319	0.0299
38	1082	0.0328	0.0370	0.0407	0.0435	0.0419	0.0442	0.0464	0.0458	0.0422	0.0372	0.0317
38	1079	0.0229	0.0377	0.0410	0.0439	0.0422	0.0445	0.0464	0.0465	0.0430	0.0388	0.0337
38	1076	0.0306	0.0371	0.0407	0.0438	0.0424	0.0445	0.0464	0.0463	0.0434	0.0391	0.0341
40	1168	0.0424	0.0386	0.0407	0.0427	0.0402	0.0428	0.0458	0.0456	0.0419	0.0378	0.0337
40	1171	0.0455	0.0416	0.0438	0.0456	0.0427	0.0452	0.0486	0.0484	0.0448	0.0408	0.0367
40	1174	0.0426	0.0388	0.0413	0.0431	0.0404	0.0432	0.0469	0.0463	0.0427	0.0386	0.0350
40	1177	0.0435	0.0379	0.0406	0.0426	0.0395	0.0425	0.0466	0.0458	0.0422	0.0379	0.0343
40	1180	0.0481	0.0362	0.0400	0.0420	0.0388	0.0419	0.0461	0.0453	0.0419	0.0380	0.0351
41	1226	-0.0080	0.0160	0.0419	0.0465	0.0426	0.0446	0.0474	0.0462	0.0427	0.0385	0.0342
41	1229	-0.0092	0.0130	0.0397	0.0444	0.0403	0.0428	0.0457	0.0445	0.0413	0.0373	0.0338
41	1232	-0.0138	0.0087	0.0367	0.0420	0.0383	0.0410	0.0446	0.0437	0.0407	0.0371	0.0334
41	1235	-0.0181	0.0005	0.0313	0.0383	0.0354	0.0392	0.0434	0.0426	0.0395	0.0357	0.0324
41	1238	-0.0213	-0.0176	0.0210	0.0330	0.0325	0.0376	0.0427	0.0424	0.0392	0.0357	0.0327

Table 22. Concluded

Run	Point	CP164	CP165
37	1030	0.0364	0.0170
37	1033	0.0378	0.0221
37	1036	0.0385	0.0262
38	1082	0.0429	0.0282
38	1079	0.0436	0.0311
38	1076	0.0434	0.0311
40	1168	0.0427	0.0304
40	1171	0.0455	0.0341
40	1174	0.0432	0.0322
40	1177	0.0424	0.0315
40	1180	0.0419	0.0325
41	1226	0.0451	0.0313
41	1229	0.0432	0.0307
41	1232	0.0414	0.0306
41	1235	0.0383	0.0296
41	1238	0.0340	0.0298